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D83200

5 R-PLACE1003605//ESTs//3.7e-86:407:99//Hs.136057:AA988299

R-nnnnnnnnnnnnn//ESTs//1.0:78:71//Hs.101248:T26446

10 R-PLACE1003618//ESTs//6.8e-30:281:79//Hs.114455:AA411943

R-PLACE1003625//ESTs//7.2e-78:377:98//Hs.102708:AA292285

15 R-PLACE1003638//ESTs//6.7e-38:274:82//Hs.138852:AA284247

R-PLACE1003669//ESTs//9.7e-83:418:95//Hs.4842:AI342607

20 R-PLACE1003704//ESTs//3.0e-13:99:89//Hs.81648:W26521

R-PLACE1003709//ESTs//0.019:178:60//Hs.32100:N59866

25 R-PLACE1003711//ESTs//0.99:126:63//Hs.47005:N98639

R-PLACE1003723//ESTs//1.7e-89:448:96//Hs.157222:AA766987

30 R-PLACE1003738//ESTs//2.5e-36:182:100//Hs.122162:AI057087

R-PLACE1003760//Human globin gene//L9e-98:538:91//Hs.100090:M69023

35 R-PLACE1003762//EST//2.9e-15:125:85//Hs.162083:AA487512

R-PLACE1003768//Human P042 gene, complete cds//3.1e-18:300:69//Hs.158302:U88965

40 R-PLACE1003771//ESTs//1.2e-09:64:100//Hs.23799:AI003798

R-PLACE1003783//ESTs, Weakly similar to D2085.5 [C.elegans]//3.8e-38:199:97//Hs.115197:AA215757

45 R-PLACE1003784//ESTs//3.7e-87:428:97//Hs.157985:AI366909

R-PLACE1003795//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.2e-36:236:88//Hs.153468:AB011147

50 R-PLACE1003833//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//8.5e-62:313:96//Hs.121020:AA526092

55 R-PLACE1003850//ESTs//4.0e-67:351:96//Hs.159303:T91059

R-PLACE1003858//ESTs//0.96:87:66//Hs.107112:AA679058

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R-nnnnnnnnnnnnn

5 R-PLACE1003870//EST//2.9e-34:281:79//Hs.160895:AI365871

R-nnnnnnnnnnnnn

10 R-PLACE1003886//ESTs//6.7e-85:410:97//Hs.25129:W93595

R-PLACE1003888//ESTs//0.0085:165:64//Hs.96739:AA441915

15 R-PLACE1003900//EST//2.4e-05:129:69//Hs.127931:AA969259

R-PLACE1003903//ESTs, Highly similar to CTP SYNTHASE [Homo sapiens]//1.5e-54:282:96//Hs.58553:AA100804

20 R-PLACE1003915//EST//0.87:55:76//Hs.145930:AI275760

R-PLACE1003923//ESTs//1.7e-89:456:95//Hs.14125:AA156236

25 R-PLACE1003932//ESTs//3.0e-50:340:84//Hs.151208:AI126110

R-PLACE1003936//EST//1.8e-08:208:65//Hs.162656:AA603567

30 R-PLACE1003968//ESTs//7.4e-49:301:90//Hs.93850:AA115330

R-PLACE1004104//ESTs//1.9e-46:254:94//Hs.96802:AA443231

35 R-PLACE1004114//ESTs//1.2e-64:322:97//Hs.28928:AI052052

R-PLACE1004118//ESTs//1.0e-83:404:98//Hs.112764:AA609770

40 R-PLACE1004128//ESTs//5.3e-80:415:95//Hs.11835:AA040244

R-PLACE1004149//ESTs//7.2e-25:331:72//Hs.141084:H11714

45 R-PLACE1004156//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.0e-56:491:76//Hs.113283:AF018080

50 R-PLACE1004161//ESTs//2.0e-59:355:88//Hs.13830:AA918601

R-PLACE1004183//Homo sapiens cytochrome c oxidase assembly protein COX11(COX11) mRNA, complete cds//4.7e-78:434:91//Hs.153504:AF044321

55 R-PLACE1004197

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R-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds//1.5e-105:501:98//Hs.24640:AF069493

5 R-PLACE1004242//ESTs//1.0e-71:364:87//Hs.138632:H97952

R-PLACE1004256//EST//0.0011:347:61//Hs.131385:AI022630

10 R-PLACE1004257//EST//0.027:99:71//Hs.97587:AA398209

R-PLACE1004258//KERATIN, TYPE I CYTOSKELETAL 14//0.72:180:63//Hs.117729:100124

15 R-PLACE1004270//ESTs//0.011:264:59//Hs.110044:AA181800

R-PLACE1004274//Human retinoic acid receptor-beta associated open reading frame, complete sequence//0.28:121:66//Hs.1938:S82362

20

R-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds//1.4e-107:581:91//Hs.127007:AF084830

25 R-PLACE1004284//ESTs//5.0e-22:187:82//Hs.23141:W92114

R-PLACE1004289//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//2.9e-28:279:77//Hs.38687:AA744496

30

R-PLACE1004302//ESTs, Weakly similar to SOF1 PROTEIN [Saccharomyces cerevisiae]//8.2e-61:313:95//Hs.71435:AI253099

35 R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//6.0e-115:590:94//Hs.11171:Y11588

40 R-PLACE1004336//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//6.7e-69:572:77//Hs.1361:M55053

R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//7.7e-72:379:93//Hs.16232:AF100153

45

R-PLACE1004376//ESTs//0.49:362:59//Hs.138086:AI056309

R-PLACE1004384//EST//1.0:47:76//Hs.128546:AA905556

50

R-PLACE1004388//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans]//1.3e-98:572:90//Hs.14202:N46000

55

R-PLACE1004405//ESTs//3.4e-99:507:95//Hs.28792:AI343467

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R-PLACE1004425//ESTs//2.7e-85:442:95//Hs.12544:N53665

R-PLACE1004428//ESTs//1.0e-07:114:78//Hs.140225:AA704101

5

R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.4e-90:516:88//Hs.155410:U49283

10

R-PLACE1004451

R-PLACE1004460//ESTs//5.4e-14:338:64//Hs.97464:AA662980

15

R-PLACE1004467//ESTs//3.3e-85:467:92//Hs.9527:W52721

R-PLACE1004471//ESTs//3.0e-73:389:94//Hs.23240:R46578

20

R-PLACE1004473//ESTs, Weakly similar to F20D1.2 [C.elegans]//3.8e-101:510:95//Hs.16986:W89194

25

R-PLACE1004491//Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds//0.23:278:61//Hs.89663:L13286

R-PLACE1004506//ESTs//2.5e-98:559:90//Hs.19447:AI057117

30

R-PLACE1004510//ESTs//1.5e-91:436:98//Hs.24846:AI420493

R-PLACE1004516//EST//1.7e-66:344:96//Hs.99303:AA453164

35

R-PLACE1004518//ESTs//5.2e-79:410:94//Hs.27091:AA436553

R-PLACE1004548//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.8e-40:332:72//Hs.115325:084488

40

R-PLACE1004550

R-PLACE1004564//ESTs//5.5e-76:367:98//Hs.49683:AA564742

45

R-PLACE1004629//ESTs, Weakly similar to OS-9 precursor [H.sapiens]//8.1e-40:272:87//Hs.7100:W07181

50

R-PLACE1004645//ESTs//6.3e-14:83:100//Hs.17270:AA701903

R-PLACE1004646//ESTs//3.7e-22:231:76//Hs.141250:N29734

55

R-PLACE1004658//ESTs//2.0e-12:109:84//Hs.23508:AA101113

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5 R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0714 protein, partial cds//7.8e-23:129:
99//Hs.123129:AB018257

R-PLACE1004672//ESTs//2.0e-50:256:98//Hs.136367:AI144254

10 R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete
cds//L8e-90:510:91//Hs.80019:AF035606

R-PLACE1004681//EST//2.1e-08:283:62//Hs.99543:AA461482

15 R-PLACE1004686

R-PLACE1004691//EST//7.3e-42:305:82//Hs.141833:AA021552

20 R-PLACE1004693//ESTs//0.014:135:64//Hs.145333:AI251374

R-PLACE1004716//ESTs, Weakly similar to No definition line found [C.elegans]//3.4e-80:413:
94//Hs.23528:AI279571

25 R-PLACE1004722//EST//0.14:165:63//Hs.18213:T97997

R-PLACE1004736//ESTs//1.0e-72:385:94//Hs.10657:N6391

30 R-PLACE1004740//ESTs//1.0:267:58//Hs.101661:AA416619

R-nnnnnnnnnnnnn//EST//0.45:94:69//Hs.147174:AI192195

35 R-PLACE1004751//EST//9.8e-32:174:83//Hs.147901:AI223374

R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//2.7e-89:437:
96//Hs.104715:AF084367

40 R-PLACE1004777//ESTs//7.4e-68:351:94//Hs.23395:AA398548

45 R-PLACE1004793//ESTs//1.3e-53:290:78//Hs.142375:AA398619

R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0606 protein, partial cds//1.9e-99:580:
88//Hs.38176:AB011178

50 R-PLACE1004813//ESTs//7.6e-86:433:96//Hs.85640:AA535856

R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA,
complete cds//1.1e-108:358:99//Hs.3688:AF069250

55 R-PLACE1004815//EST//4.7e-50:333:84//Hs.142196:AA258356

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R-PLACE1004824//Protein kinase, interferon-inducible double stranded RNA
 dependent//4.8e-46:450:76//Hs.73821:M35663
 5
 R-PLACE1004827//ESTs//2.3e-48:250:96//Hs.138766:AA342185
 R-PLACE1004836//ESTs//2.7e-39:222:94//Hs.78661:AA195299
 10
 R-PLACE1004838//EST//0.056:198:60//Hs.129589:AA995901
 R-PLACE1004840//ESTs, Highly similar to TRANSCRIPTIONAL ACTIVATOR GCN5
 15 [Saccharomyces cerevisiae]//6.5e-71:381:93//Hs.8383:AA013272
 R-PLACE1004868//ESTs//4.9e-70:367:94//Hs.100895:AA479308
 20
 R-PLACE1004885//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2)
 mRNA, complete cds//1.8e-37:330:78//Hs.113259:AF023456
 R-PLACE1004900//EST//1.2e-46:306:86//Hs.149580:AI211881
 25
 R-PLACE1004902//Sucrase-isomaltase//0.87:254:61//Hs.2996:X63597
 R-PLACE1004918//ESTs//4.5e-75:375:96//Hs.91115:AI221563
 30
 R-PLACE1004918//ESTs//2.6e-103:519:95//Hs.143607:AI424948
 R-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//6.6e-
 35 102:532:93//Hs.17839:AF099936
 R-PLACE1004934//EST//0.035:156:67//Hs.162071:AA478980
 40
 R-PLACE1004937//ESTs, Weakly similar to F55B12.3 [C.elegans]//6.4e-80:409:
 95//Hs.31945:AA702166
 R-PLACE1004969//ESTs//9.8e-18:101:99//Hs.112837:N78013
 45
 R-PLACE1004972//ESTs//1.3e-65:337:95//Hs.75798:H29106
 R-PLACE1004979//EST//1.2e-96:475:96//Hs.120158:AA708789
 50
 R-PLACE1004982//ESTs//1.0e-98:471:98//Hs.106496:AI291776
 R-PLACE1004985//ESTs//2.1e-88:456:93//Hs.135050:AI420335
 55
 R-PLACE1005026

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R-PLACE1005027//ESTs, Weakly similar to N-methyl-D-aspartate receptor glutamate-binding chain [R.norvegicus]//0.72:145:66//Hs.11215:N56719

5 R-PLACE1005046//Homo sapiens mRNA for KIAA0575 protein, complete cds//5.3e-66:297:88//Hs.153468:AB011147

10 R-PLACE1005052//ESTs, Weakly similar to weak similarity to rat cytosolic acyl coenzyme A thioester hydrolase [C.elegans]//1.2e-106:543:95//Hs.18625:AI074605

R-PLACE1005066//ESTs//3.9e-92:459:96//Hs.62684:AA806103

15 R-PLACE1005077//Human triadin mRNA, complete cds//1.8e-05:121:69//Hs.68731:U18985

R-PLACE1005085//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.6e-49:314:74//Hs.113283:AF018080

20

R-PLACE1005086//ESTs//1.2e-73:379:94//Hs.110128:AA584364

25 R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.0e-99:531:92//Hs.75437:L40401

R-PLACE1005102//ESTs//7.2e-68:493:84//Hs.10593:AI201336

30 R-PLACE1005108//Human DNA fragmentation factor-45 mRNA, complete cds//9.2e-40:232:82//Hs.155344:U91985

R-PLACE1005111//EST//8.1e-10:189:68//Hs.136356:AA493225

35

R-PLACE1005128//ESTs//1.4e-78:501:87//Hs.15093:AA203423

R-PLACE1005146//ESTs//4.8e-93:460:97//Hs.37896:AA777349

40

R-PLACE1005162//ESTs//7.5e-51:277:95//Hs.28838:AI089013

R-nnnnnnnnnnnnn//ESTs//5.4e-75:366:97//Hs.48119:AA454227

45

R-PLACE1005181//EST//0.012:172:66//Hs.147107:AI190589

R-PLACE1005187//ESTs//5.6e-72:363:95//Hs.16577:AI022830

50

R-PLACE1005206//ESTs//5.3e-48:203:88//Hs.31792:H45211

R-PLACE1005232//ESTs//5.1e-41:287:84//Hs.138552:R99532

55

R-PLACE1005243//ESTs//1.1e-48:348:83//Hs.113310:R16767

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R-PLACE1005261//ESTs//0.19:175:62//Hs.124337:AA829524

5 R-PLACE1005266//ESTs//1.9e-22:388:66//Hs.124146:AA699633

R-PLACE1005277//ESTs//1.5e-29:314:72//Hs.163710:AA024516

10 R-PLACE1005287//ESTs//3.6e-95:456:98//Hs.49282:AA970322

R-PLACE1005305//ESTs//9.9e-71:428:88//Hs.144855:AI197937

15 R-PLACE1005308//ESTs//3.8e-32:173:96//Hs.58239:AA215797

R-PLACE1005313//ESTs//5.2e-74:409:93//Hs.33368:AA206614

20 R-PLACE1005327//Chromosome 1 specific transcript KIAA0491//1.7e-104:537:94//Hs.136309:AB007960

R-PLACE1005331//ESTs//2.1e-91:487:93//Hs.9291:AI189343

25 R-PLACE1005335//ESTs, Weakly similar to F23B2.4 [C.elegans]//3.8e-90:442:97//Hs.70202:AA732975

R-PLACE1005373//ESTs//8.0e-93:526:91//Hs.98541:N38901

30 R-PLACE1005374//Homo sapiens KIAA0395 mRNA, partial cds//3.3e-44:344:80//Hs.43681:AL022394

35 R-PLACE1005409//EST//0.43:174:59//Hs.162077:AA479978

R-PLACE1005453//EST//7.9e-57:330:90//Hs.162306:AA555304

40 R-PLACE1005467//ESTs//2.2e-42:294:84//Hs.142257:AA188423

R-PLACE1005471//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-88:561:86//Hs.23094:M19503

45 R-PLACE1005477//Human methionine aminopeptidase mRNA, complete cds//6.9e-80:549:83//Hs.78935:U29607

50 R-PLACE1005480//EST//0.99:39:82//Hs.157275:AI364046

R-PLACE1005481//EST//1.5e-31:281:79//Hs.132635:AI032875

55 R-PLACE1005494//Homo sapiens mRNA for semaphorin E, complete cds//0.036:319:59//Hs.62705:AB000220

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R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds//5.4e-57:
277:98//Hs.28307:AF071185

5 R-PLACE1005526//ESTs//2.5e-30:233:83//Hs.119304:AA443325

R-PLACE1005528//Homo sapiens mRNA for cartilage-associated protein (CASP)//8.9e-20:
321:69//Hs.155481:AJ006470

10

R-PLACE1005530//ESTs//3.7e-81:438:92//Hs.103380:AI291325

15 R-PLACE1005550//ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K12H4.3 IN
CHROMOSOME III [Caenorhabditis elegans]//5.2e-95:458:98//Hs.38114:N62927

R-PLACE1005554//ESTs//8.8e-36:267:86//Hs.98288:AA203555

20 R-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2
PRECURSOR [Saccharomyces cerevisiae]//2.2e-64:345:94//Hs.7736:W81261

R-PLACE1005574//ESTs//2.3e-27:231:83//Hs.117771:R99835

25

R-PLACE1005584//ESTs//1.6e-36:188:98//Hs.152050:AA724612

R-PLACE1005595//ESTs//1.6e-91:453:96//Hs.85079:AI276023

30

R-PLACE1005603//ESTs//8.2e-99:533:93//Hs.96357:AI026927

R-PLACE1005611//ESTs//5.2e-28:183:89//Hs.24941:AA261857

35

R-PLACE1005623//ESTs//1.4e-102:505:96//Hs.58382:AA808964

R-PLACE1005630

40

R-PLACE1005639//ESTs//1.4e-51:256:98//Hs.1975:W72452

45 R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.0e-
111:585:93//Hs.8765:AF083255

R-PLACE1005656//ESTs//2.7e-88:469:92//Hs.164054:AA528169

50 R-PLACE1005666//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2)
mRNA, complete cds//3.3e-24:401:66//Hs.129727:AF035587

R-PLACE1005698//ESTs//0.00013:82:79//Hs.116331:AA629355

55

R-PLACE1005727//EST//0.15:206:63//Hs.105002:AA449332

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R-PLACE1005730//EST//0.0014:129:70//Hs.127931:AA969259

5 R-PLACE1005739//ESTs, Moderately similar to unknown intracellular protein
[M.musculus]//1.3e-42:236:94//Hs.23889:AI341137

R-PLACE1005755//ESTs//2.8e-32:308:80//Hs.159821:AA524070

10 R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds//3.3e-47:268:
87//Hs.154326:D42087

15 R-PLACE1005799//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN
CHROMOSOME III [Caenorhabditis elegans]//7.7e-15:88:98//Hs.109857:AA088385

R-PLACE1005802//ESTs//2.8e-19:208:76//Hs.9271:W30941

20 R-PLACE1005803//ESTs//2.6e-75:417:92//Hs.71414:AA131327

R-PLACE1005804//EST//6.5e-20:182:70//Hs.149844:AI287693

25 R-PLACE1005828//ESTs//3.0e-15:194:77//Hs.106236:N50058

30 R-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.040:435:58//Hs.75770:
L41870

R-PLACE1005845//EST//5.0e-61:294:99//Hs.133202:AI050965

35 R-PLACE1005850//ESTs//3.4e-82:425:96//Hs.7966:AI203471

R-PLACE1005851//ESTs//2.9e-21:165:84//Hs.23607:N98305

40 R-PLACE1005876//ESTs//0.48:296:57//Hs.39140:AI041842

R-PLACE1005884//ESTs//0.0027:177:66//Hs.150295:AA570558

45 R-PLACE1005898//ESTs//1.7e-98:467:98//Hs.159475:AI339981

R-PLACE1005921//ESTs//5.8e-96:480:95//Hs.30822:AA885501

50 R-PLACE1005923//ESTs//1.8e-66:333:96//Hs.150890:AI341793

R-PLACE1005925//Human Line-1 repeat mRNA with 2 open reading frames//2.8e-27:382:
70//Hs.23094:M19503

55 R-PLACE1005932//ESTs, Moderately similar to MNK1 [H.sapiens]//1.1e-70:377:93//Hs.5662:
AA868361

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R-PLACE1005934//ESTs//1.0e-42:251:91//Hs.25092:AA922142

5 R-PLACE1005936//ESTs//1.2e-88:461:94//Hs.94125:N62913

R-PLACE1005951//ESTs//1.4e-83:533:86//Hs.21148:AI183729

10 R-PLACE1005953

R-PLACE1005955//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN-IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//2.2e-83:494:88//Hs.108117:AI097079

15 R-PLACE1005966//ESTs//1.1e-95:465:97//Hs.98510:AI016239

R-PLACE1005968//EST//0.26:103:66//Hs.161300:AI420897

20 R-PLACE1005990

R-PLACE1006002//Human mRNA for KIAA0355 gene, complete cds//2.0e-45:481:74//Hs.153014:AB002353

25 R-PLACE1006003//ESTs, Highly similar to HYPOTHETICAL 30.3 KD PROTEIN IN APE1/LAP4-CWP1 INTERGENIC REGION [Saccharomyces cerevisiae]//3.1e-112:593:93//Hs.111449:AI192946

30 R-PLACE1006011//ESTs, Moderately similar to NAD(⁺) ADP-RIBOSYLTRANSFERASE [D.melanogaster]//5.7e-100:596:88//Hs.24284:AA595596

35 R-PLACE1006017//ESTs//4.2e-18:296:68//Hs.133350:AI056276

R-PLACE1006037//ESTs, Weakly similar to T23D8.3 [C.elegans]//4.1e-102:491:98//Hs.61164:AI096332

40 R-PLACE1006040//ESTs//1.2e-92:443:98//Hs.111680:N93765

45 R-PLACE1006076//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//2.0e-26:213:77//Hs.139007:H74314

R-PLACE1006119//ESTs//0.14:257:61//Hs.113149:AA908904

50 R-PLACE1006129//ESTs//3.8e-54:285:97//Hs.18827:W68002

55 R-PLACE1006139//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//2.6e-99:560:91//Hs.5249:U55977

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R-PLACE1006143//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen
debranching enzyme, glycogen storage disease type III)//0.038:463:59//Hs.904:U84010

5 R-PLACE1006157//ESTs//0.014:341:58//Hs.121773:AI357886

R-PLACE1006159//EST//0.00036:247:61//Hs.140054:AA668925

10 R-PLACE1006164//ESTs//2.6e-31:362:73//Hs.141024:H07128

R-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//5.8e-54:286:
94//Hs.152894:AC005239

15

R-nnnnnnnnnnnn//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//2.7e-79:393:
96//Hs.19121:AI125280

20 R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//5.1e-118:597:
95//Hs.30464:AF091433

25 R-PLACE1006195//ESTS, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//6.8e-94:532:91//Hs.105216:AI361807

R-PLACE1006196//ESTs//3.2e-66:382:90//Hs.18665:T99507

30 R-PLACE1005205//EST//1.7e-89:448:96//Hs.116665:AA669114

R-PLACE1006223//Human RNaseP protein p38 (RPP38) mRNA, complete cds//0.90:304:
58//Hs.94986:U77664

35

R-PLACE1006225//ESTs//7.2e-96:474:97//Hs.91165:AI079555

R-PLACE1006236//ESTs//8.8e-105:535:95//Hs.7919:AI341472

40

R-nnnnnnnnnnnn//Homo sapiens BAC clone RG118D07 from 7q31//3.2e-99:497:
95//Hs.3781:AC004142

45 R-PLACE1006246//ESTs, Weakly similar to CMP-sialic acid transporter [M.musculus]//1.3e-
104:532:95//Hs.41151:AI301961

50 R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial. cds//3.0e-97:499:
95//Hs.31921:AB014548

55 R-PLACE1006262//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//1.6e-07:321:62//Hs.53057:W67839

R-PLACE1006288//Voltage-dependent anion channel 1//3.8e-100:605:88//Hs.2060:L06132

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R-PLACE1006318//ESTs//2.4e-102:536:94//Hs.8109:AA005265

5 R-PLACE1006325//ESTs//5.2e-105:518:96//Hs.102319:AI246503

R-PLACE1006335//ESTs//5.1e-45:254:93//Hs.153585:R70900

10 R-PLACE1006357//EST//6.5e-09:309:62//Hs.132493:AA923168

R-PLACE1006360//Human mRNA for KIAA0090 gene, partial cds//0.0097:381:58//Hs.154797:D42044

15 R-PLACE1006368//ESTs//7.9e-85:412:97//Hs.150587:AI079284

R-PLACE1006371//ESTs//7.7e-74:442:88//Hs.143671:W61053

20 R-PLACE1006382

R-PLACE1006385//ESTs//5.3e-06:346:61//Hs.163706:AA515748

25 R-PLACE1006412//EST//7.7e-46:306:86//Hs.149580:AI281881

R-PLACE1006414//Homo sapiens UM protein mRNA, complete cds//4.1e-43:551:69//Hs.154103:AF061258

30 R-PLACE1006438//ESTs//1.1e-77:284:86//Hs.24545:AI278629

R-PLACE1006445//ESTs//4.4e-53:259:99//Hs.24481:AA573139

35 R-PLACE1006469//ESTs//9.4e-102:482:98//Hs.7218:AA936961

R-PLACE1006470//ESTs//1.0:271:57//Hs.144517:AA938297

40 R-PLACE1006482//ESTs//4.0e-61:354:92//Hs.51305:T47418

R-PLACE1006492//EST//1.8e-09:48:91//Hs.144451:AA827722

45 R-PLACE1006506//ESTs//0.012:161:61//Hs.145333:AI251374

R-PLACE1006521//Human mRNA for KIAA0013 gene, complete cds//2.1e-15:415:63//Hs.48824:D87717

50 R-PLACE1006531//ESTs//5.6e-31:213:87//Hs.125153:AA453723

55 R-PLACE1006534//ESTs//6.5e-101:512:95//Hs.27763:W46368

R-PLACE1006540//ESTs//7.3e-40:320:79//Hs.121659:H02532

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- R-PLACE1006552//EST//0.38:418:56//Hs.140470:AA765214
- 5 R-PLACE1006598//ESTs//4.0e-80:409:95//Hs.142868:AI128443
- R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//9.3e-118:590:95//Hs.155377:U97670
- 10 R-PLACE1006617//ESTs//8.1e-31:246:83//Hs.139128:AA205322
- R-PLACE1006626//ESTs//0.90:98:68//Hs.96322:AA541615
- 15 R-PLACE1006629//Human mRNA for KIAA0386 gene, complete cds//5.3e-33:315:78//Hs.101359:AB002384
- 20 R-PLACE1006640//ESTs//3.7e-26:137:100//Hs.32672:W16522
- R-PLACE1006673//Interleukin 10//8.4e-47:330:83//Hs.2180:M57627
- 25 R-PLACE1006678//ESTs//1.1e-13:87:98//Hs.34035:D87736
- R-PLACE1006704//ESTs//2.6e-65:394:89//Hs.30582:D12214
- 30 R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//1.9e-102:486:98//Hs.12472:AF038172
- R-PLACE1006754//EST//1.0e-61:381:89//Hs.14727:T83861
- 35 R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//3.8e-73:394:93//Hs.7252:AF070622
- 40 R-PLACE1006779//ESTs//1.4e-69:405:90//Hs.136235:AA262658
- R-PLACE1006782//EST//1.8e-25:197:86//Hs.137257:N33234
- 45 R-PLACE1006792//ESTs//1.8e-43:317:84//Hs.139190:N55515
- R-PLACE1006795//ESTs//6.4e-68:350:95//Hs.11092:AA916335
- 50 R-PLACE1006800//ESTs//1.9e-55:268:100//Hs.126695:AA917989
- R-PLACE1006805//ESTs//6.6e-91:484:93//Hs.94262:AA768847
- 55 R-PLACE1006815//ESTs//2.1e-49:364:83//Hs.142031:AA809159
- R-PLACE1006819//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG

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[Homo sapiens]//1.0e-87:481:92//Hs.141263:H64113

- 5 R-PLACE1006829//ESTs//5.7e-43:332:83//Hs.19906:AA456933
- R-PLACE1006860//ESTs//0.96:138:63//Hs.136649:AA-828359
- 10 R-PLACE1006867//ESTs//1.4e-98:478:97//Hs.10299:N35008
- R-PLACE1006878//EST//8.4e-48:243:97//Hs.54970:N93536
- 15 R-PLACE1006883//EST//3.1e-46:300:88//Hs.162404:AA573131
- R-nnnnnnnnnnnn//ESTs//3.0e-95:496:94//Hs.47546:AA181348
- R-PLACE1006904//ESTs//5.8e-18:304:68//Hs.125816:AA806089
- 20 R-PLACE1006917//Endothelin receptor type B//0.00012:451:60//Hs.82002:D13168
- R-PLACE1006932//ESTs//4.6e-56:285:96//Hs.114727:AI379514
- 25 R-PLACE1006935//ESTs//3.6e-12:157:73//Hs.161714:AA229078
- R-nnnnnnnnnnnn//Human mRNA for KIAA0201 gene, complete cds//3.2e-25:494:63//Hs.36927:D86956
- 30 R-PLACE1006961//Tyrosine aminotransferase//2.5e-46:471:74//Hs.2999:X52520
- 35 R-PLACE1006962//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//9.0e-29:324:68//Hs.154257:AI275982
- R-PLACE1006966//ESTs//4.5e-99:470:99//Hs.46913:AI017636
- 40 R-PLACE1006989//ESTs//2.2e-68:353:97//Hs.14394:R61257
- R-PLACE1007014//ESTs//3.4e-86:457:94//Hs.129819:AA838366
- 45 R-PLACE1007021//ESTs//1.6e-93:539:90//Hs.7111:U55971
- R-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//6.6e-83:584:82//Hs.23094:M19503
- 50 R-PLACE1007053//ESTs//4.2e-85:550:88//Hs.7984:AI202575
- 55 R-PLACE1007097//ESTs//6.4e-78:493:86//Hs.56406:N91027
- R-PLACE1007105//ESTs//5.3e-70:381:91//Hs.22605:N74202

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R-PLACE1007111//ESTs//8.6e-75:358:99//Hs.145629:AA398646

5 R-PLACE1007112//ESTs//6.9e-69:371:94//Hs.71922:AA148417

R-PLACE1007132//ESTs//1.2e-36:373:69//Hs.10762:W28948

10 R-PLACE1007140//ESTs//1.7e-70:360:96//Hs.56179:W56794

R-PLACE1007178//EST//0.68:85:65//Hs.147010:AI184765

15 R-PLACE1007226//ESTs//3.1e-78:452:90//Hs.8033:N94998

R-PLACE1007238//ESTs//5.2e-70:362:95//Hs.85636:AA740619

20 R-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-II-T1, complete cds//6.3e-93:534:89//Hs.80598:D50495

R-PLACE1007242//ESTs//1.2e-80:390:98//Hs.117325:AA699450

25 R-PLACE1007243//ESTs, Weakly similar to transporter protein [H. sapiens]//3.7e-73:357:98//Hs.18272:N78499

30 R-PLACE1007257//Homo sapiens mRNA for dia-156 protein//4.3e-85:487:91//Hs.121556:Y15909

R-PLACE1007274//ESTs//4.3e-79:430:93//Hs.146023 AI275071

35 R-PLACE1007276//ESTs//1.5e-33:338:74//Hs.142850:R38419

R-PLACE1007282//ESTs//4.8e-98:532:93//Hs.10071:AA100812

40 R-PLACE1007286//Human mRNA for KIAA0118 gene, partial cds//2.9e-50:518:74//Hs.154326:D42087

45 R-PLACE1007301

R-PLACE1007317

50 R-PLACE1007342

R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.2e-66:367:91//Hs.76596:AF096870

55 R-PLACE1007367//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-98:488:96//Hs.24359:AA699594

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- R-PLACE1007375//ESTs//2.3e-67:375:92//Hs.33368:AA206614
- 5 R-PLACE1007386//ESTs//0.020:242:62//Hs.42768:AI129945
- R-PLACE1007402//ESTs//1.6e-91:441:97//Hs.26243:AA455877
- 10 R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//2.4e-113:590:94//Hs.14387:AF093771
- 15 R-PLACE1007416//ESTs, Weakly similar to DIPEPTIDYL PEPTIDASE IV [H.sapiens]//3.8e-115:579:95//Hs.72165:AI243857
- R-PLACE1007450//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.7e-38:311:80//Hs.97203:U83171
- 20 R-PLACE1007452//EST//2.5e-42:386:77//Hs.140562:AA826514
- R-PLACE1007460//ESTs//4.9e-87:434:95//Hs.28472:AI028230
- 25 R-PLACE1007478
- R-PLACE1007484//ESTs//6.8e-08:64:92//Hs.100251:AA535975
- 30 R-PLACE1007488//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.26:411:60//Hs.79012:M18533
- 35 R-PLACE1007507//ESTs//2.2e-11:136:76//Hs.128815:AA678072
- R-PLACE1007511//ESTs, Highly similar to KERATIN, TYPE I CYTOSKELETAL 14 [Homo sapiens]//1.5e-41:261:89//Hs.9029:W57657
- 40 R-PLACE1007524//ESTs//5.8e-45:297:87//Hs.154923:AA491377
- 45 R-PLACE1007525//Human mRNA for KIAA0118 gene, partial cds//1.9e-44:422:75//Hs.154326:D42087
- R-PLACE1007544//ESTs//8.4e-59:327:93//Hs.27410:N25612
- 50 R-PLACE1007547//EST//0.00010:107:71//Hs.146867:AI161404
- R-PLACE1007557//ESTs//1.6e-43:356:79//Hs.44702:AI148840
- 55 R-PLACE1007583//ESTs//1.7e-41:214:97//Hs.155071:AA584257

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R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence//4.8e-104:554:93//Hs.21838:AF038179

5 R-PLACE1007618//Lymphocyte cytosolic protein 1 (L-plastin)//0.54:161:65//Hs.76506:J02923

R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence//4.8e-105:537:94//Hs.151046:AF038176

10

R-PLACE1007632

R-PLACE1007645//ESTs//0.99:187:62//Hs.163453:AI344106

15

R-PLACE1007649//ESTs//2.2e-108:561:94//Hs.24398:AI262946

R-PLACE1007677//ESTs, Moderately similar to !!!! ALU SUBFAMILY SB2 WARNING ENTRY
20 !!!! [H.sapiens]//9.0e-37:190:97//Hs.23437:AA707331

R-PLACE1007688//ESTs//7.5e-79:409:95//Hs.6166:AI376944

25

R-PLACE1007690//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN
5 [Ascaris suum]//3.4e-61:384:89//Hs.92918:AA133274

R-PLACE1007697//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces
30 cerevisiae]//1.8e-84:501:88//Hs.91251:U66685

R-PLACE1007705//Human mRNA for apolipoprotein E receptor 2, complete cds//0.43:307:
59//Hs.54481:D86407

35

R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//5.7e-75:
374:96//Hs.4812:AF061243

40

R-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-39:253:
88//Hs.108797:AA47681 5

R-PLACE1007729//ESTs//2.7e-44:392:79//Hs.142375:AA398619

45

R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//6.7e-94:556:
89//Hs.153121:AB014585

50

R-PLACE1007737//ESTs//1.1e-41:345:80//Hs.114671:N39322

R-PLACE1007743//ESTs//2.8e-17:98:100//Hs.124258:AA976778

55

R-PLACE1007746//ESTs//5.3e-69:413:90//Hs.5297:AA156903

R-PLACE1007791//ESTS, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A

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[Bacillus subtilis]/8.6e-27:143:98//Hs.144194:AA706337

5 R-PLACE1007807//Human Line-1 repeat mRNA with 2 open reading frames//9.9e-45:428:76//Hs.23094:M 9503

R-PLACE1007810//ESTs//5.9e-15:143:82//Hs.126257:AI279044

10 R-PLACE1007829//ESTs//2.2e-22:190:84//Hs.142707:W24050

R-PLACE1007843//ESTs//5.3e-110:556:95//Hs.107287:AI308839

15 R-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-95:525:91//Hs.23094:M19503

R-PLACE1007852//ESTs//4.5e-14:174:75//Hs.153419:N52017

20 R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//2.1e-111:574:94//Hs.28020:AB018309

25 R-PLACE1007866//EST//1.8e-48:262:96//Hs.141009:H01178

R-PLACE1007877//ESTs//1.2e-94:478:96//Hs.5999:AI207832

30 R-PLACE1007897//ESTs//2.3e-92:437:99//Hs.122843:AI189060

R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.8e-89:460:95//Hs.92381:AB007956

35 R-PLACE1007946//ESTs//2.8e-28:172:78//Hs.126784:AA521510

40 R-PLACE1007954//ESTs//6.1e-72:366:95//Hs.27842:AI217966

R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds//3.9e-103:509:96//Hs.5671:AF084530

45 R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//7.2e-89:465:93//Hs.78106:AF079529

50 R-PLACE1007969//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.4e-113:534:99//Hs.44268:AA455900

R-PLACE1007990//ESTs, Highly similar to DOSAGE COMPENSATION REGULATOR [Drosophila melanogaster]//3.8e-97:493:95//Hs.6141:U69564

55 R-PLACE1008000//ESTs//0.00013:241:65//Hs.44369:AI206835

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R-PLACE1008002//ESTs//2.2e-83:397:98//Hs.28780:AI263612

5 R-PLACE1008044//ESTs, Moderately similar to NUCLEAR PORE COMPLEX PROTEIN
NUP107 [R.norvegicus]//2.0e-115:575:95//Hs.92395:AA779854

R-PLACE1008045//EST//2.6e-89:465:94//Hs.47374:N51935

10 R-PLACE1008080//EST//0.27:118:65//Hs.144110:AI054269

R-PLACE1008095//ESTs//5.5e-23:268:73//Hs.152525:AA516469

15 R-PLACE1008111//ESTs, Weakly similar to oxidoreductase [H.sapiens]//4.4e-108:537:
96//Hs.28877:AI309334

R-PLACE1008122//ESTs//6.5e-103:531:94//Hs.34737:AI028617

20

R-PLACE1008129//ESTs//0.76:96:66//Hs.65373:AA883511

R-PLACE1008132//ESTs//5.9e-05:113:72//Hs.13014:W26381

25

R-PLACE1008177//ESTs//7.2e-107:557:93//Hs.132851:AI028266

R-PLACE1008181//ESTs//5.3e-97:473:97//Hs.57483:AA776267

30

R-PLACE1008198//ESTs//3.9e-16:120:85//Hs.9142:AA662107

35 R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.6e-104:551:
93//Hs.10801:AB011102

R-PLACE1008209//ESTs//1.2e-72:366:96//Hs.92308:AI052701

40

R-PLACE1008231//ESTs//1.2e-70:363:94//Hs.25094:R80871

R-PLACE1008244//ESTs//1.3e-98:543:92//Hs.25130:AA218990

45

R-PLACE1008273//ESTs//6.1e-16:153:79//Hs.115987:AA483808

R-nnnnnnnnnnnnn

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R-PLACE1008280//ESTs//1.3e-66:353:94//Hs.156376:AI338705

R-PLACE1008309//ESTs//2.8e-100:511:95//Hs.45080:N49852

55

R-PLACE1008329//V-myc avian myelocytomatosis viral oncogene homolog//0.53:206:
62//Hs.79070:K02276

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R-PLACE1008330//ESTs, Weakly similar to EOSINOPHIL LYSOPHOSPHOLIPASE
[H.sapiens]//8.6e-79:297:91//Hs.146477:AI128445

5 R-PLACE1008331//ESTs//0.98:156:62//Hs.108548:AA081656

R-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.1e-99:556:
90//Hs.5734:AB014579

10

R-PLACE1008368//EST//0.0027:198:63//Hs.160868:AI359052

R-PLACE1008369//ESTs//5.4e-28:167:92//Hs.19530:AA480009

15

R-PLACE1008392//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//2.0e-41:448:72//Hs.139007:H74314

20

R-PLACE1008398//ESTs, Highly similar to Mig-6//1.4e-103:529:94//Hs.11169:AA156242

R-PLACE1008401//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.2e-81:536:87//Hs.7570:W31010

25

R-nnnnnnnnnnnnn//Homo sapiens mRNA for p115, complete cds//5.1e-103:521:
95//Hs.7763:D86326

30

R-PLACE1008405//ESTs//1.2e-89:485:92//Hs.138241:AA767440

R-PLACE1008424//ESTs//6.7e-97:508:93//Hs.6709:AI379778

35

R-PLACE1008426//ESTs//5.5e-30:174:92//Hs.7946:AA651757

R-PLACE1008429//ESTs//2.1e-12:188:71//Hs.140769:AA931562

40

R-PLACE1008437//ESTs//7.1e-54:266:98//Hs.13068:AA001928

R-PLACE1008455//ESTs//4.7e-69:471:85//Hs.28337:AA210761

45

R-PLACE1008457//EST//8.6e-14:202:71//Hs.149887:AI289387

R-PLACE1008465//ESTs//3.8e-80:426:93//Hs.153146:AI299636

50

R-PLACE1008488//ESTs//7.9e-73:388:94//Hs.97268:AA292180

R-PLACE1008524//ESTs//7.4e-107:545:95//Hs.10441:N62816

55

R-PLACE1008531//ESTs//3.8e-68:427:87//Hs.56607:H23560

R-PLACE1008532

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R-PLACE1008533//ESTs//2.5e-52:318:88//Hs.7274:AA476850

5 R-PLACE1008568//ESTs//3.2e-99:486:97//Hs.84414:AI423223

R-PLACE1008584//EST//2.2e-18:154:68//Hs.141498:N50064

10 R-PLACE1008621//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//8.6e-67:483:82//Hs.140416:AA778649

R-nnnnnnnnnnnnn

15 R-PLACE1008626//ESTs//4.7e-73:372:95//Hs.23491:AA642454

R-PLACE1008627//ESTs//1.6e-90:475:93//Hs.102401:AI004972

20 R-PLACE1008629//ESTs//8.0e-93:492:93//Hs.20843:AA699512

R-PLACE1008630//ESTs//1.0e-94:453:98//Hs.34840:AI279612

25 R-PLACE1008643//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:422:79//Hs.153014:AB002353

30 R-PLACE10086507/Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds//7.9e-90:434:97//Hs.147967:AF044333

R-PLACE1008693//SLET AMYLOID POLYPEPTIDE PRECURSOR//1.8e-41:505:71//Hs.51048:X68830

35 R-PLACE1008696//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.7e-51:316:76//Hs.1361:M55053

40 R-PLACE1008715//EST//0.63:114:64//Hs.121353:AA758600

R-PLACE1008748//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//2.3e-40:281:83//Hs.142209:AA873303

45 R-PLACE1008757//ESTs//1.4e-45:226:99//Hs.22822:H06408

R-PLACE1008790//ESTs//0.035:67:76//Hs.153554:AI286313

R-PLACE1008798//ESTs//4.9e-59:285:99//Hs.49018:N79930

55 R-PLACE1008807//ESTs//1.7e-82:413:96//Hs.130745:AA573217

R-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 mRNA,

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complete cds//1.1e-98:499:95//Hs.7179:AF011905

5 R-PLACE1008813//ESTs, Weakly similar to coded for by C. elegans cDNA cm10e3
[C.elegans]//4.2e-92:490:93//Hs.110454:H11810

R-PLACE1008851//ESTs//2.4e-84:421:95//Hs.158893:AI378428

10 R-nnnnnnnnnnnnn

R-PLACE1008867//ESTs//1.1e-77:400:95//Hs.44198:AI093502

15 R-PLACE1008887//Oxytocin receptor//1.1e-43:601:67//Hs.2820:X64878

R-PLACE1008902//ESTs//0.023:208:61//Hs.154164:AI246893

20 R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.6e-56:344:
89//Hs.62318:AB018308

25 R-PLACE1008925//ESTs//0.17:294:57//Hs.105113:AA457018

R-PLACE1008934//ESTs//2.0e-61:339:92//Hs.100448:AA622653

30 R-PLACE1008941//ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSPORTER 2
[Mus musculus]//1.3e-19:488:63//Hs.15780:U66680

R-PLACE1008947//ESTs//1.3e-81:385:99//Hs.71574:AI376573

35 R-PLACE1009020//ESTs//2.9e-79:419:94//Hs.121816:AA775419

40 R-PLACE1009027//Homo sapiens mRNA for doublecortin//3.1e-82:434:94//Hs.34780:
AJ003112

R-PLACE1009039//ESTs//2.8e-83:448:92//Hs.129179:AA988520

45 R-PLACE1009045//ESTs//1.6e-64:318:97//Hs.103423:AA814195

R-PLACE1009048//ESTs//2.7e-17:403:63//Hs.149343:AI249139

50 R-PLACE1009050//ESTs//2.0e-88:475:92//Hs.122925:AA909008

R-PLACE1009060//ESTs, Highly similar to HYPOTHETICAL 98.3 KD PROTEIN R10E12.1 IN
CHROMOSOME III [Caenorhabditis elegans]//1.2e-112:555:96//Hs.9663:AA527142

55 R-PLACE1009090//ESTs//5.0e-13:175:75//Hs.140608:N53448

R-PLACE1009094//Human splicing factor SRp30c mRNA, complete cds//0.98:161:

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63//Hs.77608:AL021546

5 R-PLACE1009099//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//0.037:63:
84//Hs.39943:AA203136

R-PLACE1009110//EST//5.8e-17:307:65//Hs.117264:AA682549

10 R-PLACE1009111//ESTs//1.9e-57:349:90//Hs.11260:N98983

R-PLACE1009130//ESTs, Weakly similar to hypothetical protein 2 [H.sapiens]//6.5e-97:501:
15 94//Hs.11123:AA703945

R-PLACE1009150//LAMIN B1//0.064:393:60//Hs.89497:L37747

20 R-PLACE1009155//TESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//2.5e-
36:163:82//Hs.93332:AA811920

R-PLACE1009158//ESTs//0.30:149:65//Hs.155796:R80005

25 R-PLACE1009166//ESTs//3.3e-34:292:77//Hs.140255:AA708322

R-PLACE1009172//EST//8.9e-21:364:67//Hs.142557:AA464948

30 R-PLACE1009174//ESTs//2.9e-18:274:70//Hs.139241:AA283707

R-PLACE1009183//ESTs//2.3e-44:297:87//Hs.136839:H93717

35 R-PLACE10091867//ESTs, Weakly similar to No definition line found [C.elegans]//1.5e-109:
572:94//Hs.54943:Z78396

R-PLACE1009190//ESTs//2.6e-53:318:90//Hs.25245:AA176701

40 R-PLACE1009200//H.sapiens mRNA for sortilin//3.2e-33:195:92//Hs.104247:X98248

R-PLACE1009230//ESTs//3.0e-31:153:92//Hs.124116:AA772680

45 R-PLACE1009246//ESTs//2.7e-90:488:92//Hs.10706:AA909018

R-PLACE1009308//ESTs//0.022:46:97//Hs.36545:AA075423

50 R-PLACE1009319//ESTs//7.7e-99:533:92//Hs.109654:N91279

55 R-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//7.3e-82:578:
82//Hs.23094:M19503

R-PLACE1009335//EST//1.3e-64:311:99//Hs.130558:AI004397

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- R-PLACE1009338//ESTs//6.0e-70:386:93//Hs.3542:AI015782
- 5 R-PLACE1009368//ESTs//1.4e-18:107:98//Hs.133303:W04760
- R-PLACE1009375//ESTs//8.9e-36:313:76//Hs.24608:AA161260
- 10 R-PLACE1009388//EST//4.4e-11:101:83//Hs.147074:AI188883
- R-PLACE1009398//ESTs//5.7e-63:335:93//Hs.149003:AI243186
- 15 R-nnnnnnnnnnnnn//ESTs//3.6e-94:452:98//Hs.103177:W72798
- R-PLACE1009410//ESTs//2.2e-112:553:96//Hs.61779:AA195255
- 20 R-PLACE1009434//EST//3.4e-15:109:74//Hs.103742:U48632
- R-PLACE1009443//EST//7.5e-61:302:98//Hs.157787:AI361269
- 25 R-PLACE1099444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA/6.6e-85:479:90//Hs.76987:AF012872
- R-PLACE1009459//ESTs//9.3e-86:437:95//Hs.104871:AI161427
- 30 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1//1.3e-42:266:89//Hs.155049:AC004531
- 35 R-PLACE1009477//ESTs//2.0e-50:367:82//Hs.152788:AA630925
- R-PLACE1009493//ESTs//4.5e-14:150:78//Hs.143918:AA699596
- 40 R-PLACE1009524//ESTs//2.9e-97:454:99//Hs.7189:AA767698
- R-PLACE1009539//ESTs//9.1e-94:454:97//Hs.154706:AI262131
- 45 R-PLACE1009542//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.4e-10:289:63//Hs.77579:AF013263
- R-PLACE1009571//ESTs//2.1e-23:125:100//Hs.41767:AA732326
- 50 R-PLACE1009581//ESTS, Weakly similar to FIBRINOGEN ALPHA AND ALPHA-E CHAIN PRECURSORS [H.sapiens]//0.0012:56:91//Hs.12151:AA001818
- 55 R-PLACE1009595//Homo sapiens mRNA for KIAA0635 protein, complete cds//6.0e-42:547:70//Hs.69157:AB014535

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R-PLACE1009596//ESTs//1.9e-102:588:90//Hs.142395:AI374735

5 R-PLACE1009607//ESTs//0.0093:107:70//Hs.70932:AA126482

R-PLACE1009613//ESTs//7.5e-101:488:97//Hs.5905:AA946680

10 R-PLACE1009621//EST//0.99:261:60//Hs.149030:AI243338

R-PLACE1009622//ESTs//8.0e-93:508:92//Hs.20967:AI422858

15 R-PLACE1009637//EST//8.7e-90:442:97//Hs.121372:AA758701

R-PLACE1009639//EST//8.5e-49:279:93//Hs.117447:R27213

20 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.3e-109:589:92//Hs.21862:AB011159

R-PLACE1009665//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//9.9e-62:483:79//Hs.140416:AA778649

25 R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//6.6e-63:310:97//Hs.109590:AF062534

30 R-PLACE1009708//ESTs//3.0e-94:471:96//Hs.40091:N48582

R-PLACE1009721//ESTs, Weakly similar to MSF1 PROTEIN [S.cerevisiae]//4.2e-98:529:92//Hs.3945:AA004210

35 R-PLACE1009731//ESTs, Weakly similar to immune associated protein 38 [M.musculus]//6.8e-85:489:89//Hs.26194:AA033989

40 R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//2.0e-117:598:95//Hs.154320:AF046024

45 R-PLACE1009794//ESTs//7.9e-102:529:95//Hs.42927:N20989

R-nnnnnnnnnnnn//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs and GSSs//1.1e-113:549:97//Hs.16411:AL030996

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55 R-PLACE1009845//ESTs//9.5e-106:560:93//Hs.117751:AI056868

R-PLACE1009879//ESTs//1.8e-61:399:86//Hs.141012:R68748

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R-PLACE1009886//EST//0.54:153:64//Hs.144281:AA081328

5 R-PLACE1009888//ESTs//2.7e-105:520:97//Hs.108646:AA613031

R-nnnnnnnnnnnn//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans]//1.6e-114:594:94//Hs.67466:AI219740

10 R-PLACE1009921//ESTs//7.6e-05:291:60//Hs.124786:AA825563

R-PLACE1009924//EST//1.2e-42:216:98//Hs.31742:H20276

15 R-PLACE1009925//ESTs//5.4e-30:154:100//Hs.114605:AI04317

R-PLACE1009935//ESTs//1.4e-83:417:97//Hs.131755:AA496543

20 R-PLACE1009947//Keratin 9//1.0:273:61//Hs.2783:Z29074

R-PLACE1009971//ESTs//1.5e-87:424:98//Hs.13781:AI160540

25 R-PLACE1009992//ESTs//1.3e-87:531:87//Hs.55044:AA460698

R-PLACE1009995//ESTs//1.3e-103:575:91//Hs.71218:C75347

30 R-PLACE1009997//Small inducible cytokine A5 (RANTES)//1.1e-42:286:86//Hs.155464:AF088219

35 R-PLACE1010023//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//1.7e-17:137:86//Hs.7049:AI141736

R-PLACE1010031//ESTs//0.22:191:62//Hs.127787:AA832204

40 R-PLACE1010053//ESTs, Moderately similar to spermatid perinuclear RNA-binding protein Spur [M.musculus]//7.6e-104:546:94//Hs.8215:AA521150

45 R-PLACE1010069//ESTs//0.99:173:59//Hs.21415:AI150905

R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//1.5e-88:543:88//Hs.11183AF065482

50 R-PLACE1010076//ESTs//3.4e-106:530:95//Hs.28005:AA604375

R-PLACE1010083//ESTs//4.1e-65:395:88//Hs.6103:AA496424

55 R-PLACE1010089//ESTs//1.6e-70:348:97//Hs.9011:AA418615

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R-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.norvegicus]/2.8e-104:565:92//Hs.11469:U69567

5 R-PLACE1010102//ESTs//7.7e-50:311:89//Hs.5518:AI052015

R-PLACE1010105//ESTs//6.0e-94:483:94//Hs.62684:AA806103

10 R-PLACE1010106//ESTs, Weakly similar to putative p150 [H.sapiens]/1.6e-107:575:93//Hs.48301:AA122270

R-PLACE1010134//EST//8.5e-59:314:94//Hs.135005:AI095130

15

R-PLACE1010148//A-KINASE ANCHOR PROTEIN 79//0.52:351:56//Hs.48714:M90359

R-PLACE1010152//ESTS//1.9e-40:240:90//Hs.17054:AI139897

20

R-PLACE1010181//ESTs//3.6e-64:307:99//Hs.154163:AJ003313

R-PLACE1010194//ESTs//2.7e-70:366:96//Hs.5301:T58466

25

R-PLACE1010202//ESTs//0.57:120:67//Hs.58873:W95037

R-PLACE1010231

30

R-PLACE1010261//EST//6.9e-50:251:98//Hs.148208:AA897478

R-PLACE1010270//ESTs//1.9e-87:430:96//Hs.25252:AI079545

35

R-PLACE1010274//ESTs//1.9e-57:439:81//Hs.30078:H04535

R-PLACE1010293//ESTs//8.1e-41:310:81//Hs.146811:AA410788

40

R-PLACE1010321//ESTs//5.7e-50:246:99//Hs.151445:AA351081

R-PLACE1010324//ESTs//0.00025:377:60//Hs.97430:AA398568

45

R-PLACE1010329//Small inducible cytokine A5 (RANTES)//2.4e-40:300:82//Hs.155464:AF088219

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R-PLACE1010341//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]/9.9e-32:190:77//Hs.152369:AA504818

R-PLACE1010362//ESTs//8.2e-86:404:99//Hs.25625:AA669327

55

R-PLACE1010364//ESTs//1.5e-105:556:93//Hs.12229:AA149594

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R-PLACE1010383//Homo sapiens mRNA for putative lipoic acid synthetase, partial//4.9e-35:166:86//Hs.53531:AJ224162

5 R-PLACE1010401//ESTs//2.3e-85:450:93//Hs.23193:AA418152

R-PLACE1010481//ESTs//0.012:280:59//Hs.5579:AI392816

10 R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//2.4e-89:438:96//Hs.13313:AF039081

R-PLACE1010492

15

R-PLACE1010522//EST//0.43:82:68//Hs.89303:AA284031

R-nnnnnnnnnnnnn//ESTs//3.4e-36:228:89//Hs.128724:AA215455

20

R-PLACE1010562//ESTs//4.8e-68:408:90//Hs.17244:W86306

R-PLACE1010579//EST//0.015:193:63//Hs.67093:C14033

25

R-PLACE1010580//ESTs//2.4e-93:445:98//Hs.127325:AA234116

R-PLACE1010599

30

R-PLACE1010616//ESTs//2.9e-101:497:97//Hs.142197:AA573418

R-PLACE1010622//ESTs//7.1e-23:157:91//Hs.159877:N57895

35

R-PLACE1010624//ESTs//1.4e-89:428:98//Hs.116561:AA658475

40 R-PLACE1010628//ESTS, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//6.4e-74:391:95//Hs.163495:W57637

R-PLACE1010629//ESTs//5.8e-75:359:99//Hs.123630:AI250805

45

R-PLACE1010630//ESTs//9.5e-101:519:94//Hs.77873:AA731719

R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//8.3e-94:497:93//Hs.10801:AB011102

50

R-PLACE1010661//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//4.8e-83:467:91//Hs.22383:R51067

55

R-PLACE1010662//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//8.3e-103:538:94//Hs.105794:AA701659

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- 5 R-PLACE1010702//Homo sapiens DNA from chromosome 19, BAC 33152//4.8e-46:531:71//Hs.55452:AC003973
- R-PLACE1010714//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.0074:351:60//Hs.46440:U21943
- 10 R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.2e-56:300:95//Hs.50758:AF092564
- 15 R-PLACE1010739//Homo sapiens mRNA for oligophrenin 1//2.6e-84:501:88//Hs.158122:AJ001189
- R-PLACE1010743
- 20 R-PLACE1010761//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.2e-94:442:96//Hs.3688:AF069250
- R-PLACE1010771//ESTs//3.8e-54:264:99//Hs.27299:AI074024
- 25 R-PLACE1010786//ESTs, Highly similar to MYOSIN HEAVY CHAIN IB [Acanthamoeba castellanii]//7.6e-111:575:94//Hs.10260:AI126627
- 30 R-PLACE1010800//ESTs//1.9e-109:557:95//Hs.11460:AA057558
- R-PLACE1010802//ESTs//0.00021:428:58//Hs.70258:AI091203
- 35 R-PLACE1010811//ESTs//7.4e-73:394:93//Hs.48499:AA428896
- R-PLACE1010833//ESTs//9.0e-33:274:78//Hs.24391:W27472
- 40 R-PLACE1010856//ESTs//5.8e-41:351:81//Hs.17401:W81048
- R-PLACE1010857//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//1.4e-71:326:92//Hs.3385:N25917
- 45 R-PLACE1010870//ESTs//5.8e-57:303:96//Hs.30503:H05090
- 50 R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//2.3e-101:501:96//Hs.118087:AB011182
- R-PLACE1010891
- 55 R-PLACE1010896//EST//0.0039:249:57//Hs.126090:AA867983
- R-PLACE1010900//Human Xq28 mRNA, complete cds//3.3e-07:106:76//Hs.20136:U46023

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5 R-PLACE1010916//Plasminogen activator inhibitor, type II (arginine-serpin)//0.25:190:
61//Hs.75716:Y00630

R-PLACE1010917//ESTs//1.3e-82:452:92//Hs.68055:AA081093

10 R-PLACE1010925//ESTs//1.1e-92:471:95//Hs.17448:AI125479

R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.3e-66:402:
89//Hs.74750:AB011126

15 R-nnnnnnnnnnnn//Homo sapiens intersectin short form mRNA, complete cds//8.9e-82:441:
93//Hs.66392:AF064244

R-PLACE1010944

20 R-PLACE1010947//ESTs//6.7e-15:102:91//Hs.116808:AA211519

R-PLACE1010954//Small inducible cytokine A5 (RANTES)//8.8e-51:278:93//Hs.155464:
25 AF088219

R-PLACE1010960//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosophila
melanogaster]//1.0e-103:565:92//Hs.23259:AA532437

30 R-PLACE1010965//EST//6.3e-80:447:91//Hs.139529:AA219580

R-PLACE1011026//ESTs//4.6e-99:463:99//Hs.149732:AI199846

35 R-PLACE1011032//ESTs//6.3e-56:295:94//Hs.143576:AI147867

R-PLACE1011041//ESTs//5.3e-27:168:91//Hs.7936:AA923249

40 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0581 protein, partial cds//9.4e-102:563:
91//Hs.41143:AB011153

45 R-PLACE1011054//EST//1.1e-15:245:69//Hs.112648:AA609135

R-PLACE1011056//Small inducible cytokine A5 (RANTES)//3.5e-38:285:82//Hs.155464:
50 AF088219

R-PLACE1011057//ESTs//3.5e-81:410:96//Hs.96499:AA252537

R-PLACE1011090//ESTS. Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
55 [H.sapiens]//1.6e-54:398:84//Hs.108740:W20094

R-PLACE1011109//EST//1.3e-48:321:85//Hs.146794:AI149478

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R-PLACE101111 4//ESTs//5.4e-90:475:94//Hs.69331:AA099587

5 R-PLACE1011133//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//3.0e-105:552:93//Hs.31257:AA875998

R-PLACE1011143//ESTs//0.40:127:65//Hs.118701:AA420795

10 R-PLACE1011160//Homo sapiens mRNA for HRIHFB2038, partial cds//7.7e-97:534:91//Hs.28719:AB015333

15 R-PLACE1011165//ESTs//1.0:135:69//Hs.32163:AI374673

R-PLACE1011185//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!!
[H.sapiens]//3.4e-85:442:95//Hs.136910:AA810782

20 R-PLACE1011203//EST//0.0047:268:60//Hs.68832:AA088438

R-PLACE1011219//ESTs//7.6e-96:504:93//Hs.124834:AI138671

25 R-PLACE1011221//ESTs//5.2e-23:241:78//Hs.26761:AA203299

R-PLACE1011229//ESTs//1.9e-90:461:95//Hs.132288:AI027693

30 R-PLACE1011263//ESTs//6.6e-56:321:93//Hs.158787:W79602

R-PLACE1011273//ESTs//0.016:131:65//Hs.140466:AA766772

35 R-PLACE1011291//EST//8.7e-47:267:91//Hs.158806:AI376913

R-PLACE1011296//EST//2.7e-38:225:92//Hs.160934:AI376849

40 R-PLACE1011310//ESTs//9.1e-37:196:96//Hs.39328:H71807

R-PLACE1011325//Human clone 23721 mRNA sequence//0.0012:486:58//Hs.83572:U79291

45 R-PLACE1011332//ESTs//8.4e-44:217:99//Hs.101365:R60578

R-PLACE1011340//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A
[Bacillus subtilis]//3.4e-92:452:97//Hs.144194:AA706337

50 R-PLACE1011375//ESTs//2.2e-35:195:96//Hs.106486:H11376

55 R-PLACE1011399//ESTs//0.00096:224:67//Hs.151643:AA001194

R-PLACE1011419//ESTs//4.9e-50:267:95//Hs.7045:AA167337

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- 5 R-nnnnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds//4.8e-114:600:94//Hs.10801:AB011102
- R-PLACE1011452//Homo sapiens mRNA for KIAA0707 protein, partial cds//3.7e-32:310:76//Hs.138488:AB014607
- 10 R-PLACE1011465//ESTs//4.5e-86:471:93//Hs.144519:R70887
- R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//2.6e-104:515:96//Hs.111138:AB018255
- 15 R-PLACE1011492//ESTs//1.7e-96:488:95//Hs.116555:AA639278
- R-PLACE1011503//Homo sapiens clone 23597 mRNA sequence//1.0:193:60//Hs.28197:AF035294
- 20 R-PLACE1011520//ESTs//6.8e-99:477:97//Hs.85077:AA968576
- 25 R-PLACE1011563//ESTs//1.4e-94:514:92//Hs.16471:AA206421
- R-PLACE1011567//EST//2.8e-89:417:100//Hs.149770:AI285985
- 30 R-PLACE1011576//Zinc finger protein 91 (HPF7, HTF10)//4.7e-55:267:81//Hs.8597:L11672
- R-PLACE1011586//Myosin, heavy polypeptide 11, smooth muscle//0.98:168:61//Hs.78344:AF001548
- 35 R-PLACE1011635//ESTs//2.5e-67:332:98//Hs.108194:AA780067
- R-PLACE1011641//ESTs//2.5e-71:J38:100//Hs.153085:AA993965
- 40 R-PLACE1011643//EST//1.9e-18:181:78//Hs.160879:AI361900
- R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence//2.5e-73:414:91//Hs.78019:AF070535
- 45 R-PLACE1011650//EST//5.8e-18:118:92//Hs.124486:AA846036
- 50 R-PLACE1011664//Restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)//0.50:178:62//Hs.31638:X64838
- R-PLACE1011675
- 55 R-PLACE1011682//ESTs//2.4e-90:465:94//Hs.57830:AI312025

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R-PLACE1011719//Human Line-1 repeat mRNA with 2 open reading frames//8.5e-57:410:83//Hs.23094:M19503

5 R-PLACE1011725//ESTs//2.0e-70:340:98//Hs.161725:AA251392

R-PLACE1011729//ESTs//7.5e-19:180:79//Hs.119516:AA443426

10 R-PLACE1011749//Myelin oligodendrocyte glycoprotein {alternative products}//7.3e-40:361:77//Hs.53217:Z48051

15 R-PLACE1011762//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//3.0e-60:319:76//Hs.103948:K00627

R-PLACE1011778//ESTs//8.0e-70:372:94//Hs.46765:AA521080

20 R-PLACE1011783//Calcium modulating ligand//8.4e-41:279:85//Hs.13572:AF068179

R-PLACE1011858//ESTs//2.6e-69:396:91//Hs.55220:D11563

25 R-PLACE1011874//Human mRNA for KIAA0033 gene, partial cds//1.2e-53:439:80//Hs.22271:D26067

30 R-PLACE1011875//ESTs//9.0e-88:420:98//Hs.70897:AA987648

R-PLACE1011891//ESTs//3.9e-17:97:100//Hs.84698:AA725913

35 R-PLACE1011896//ESTs//2.8e-23:176:84//Hs.121540:AI275497

R-PLACE1011922//ESTs//6.6e-35:415:73//Hs.10972:AA164268

40 R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//2.3e-99:546:92//Hs.3838:AF059617

R-PLACE1011962//ESTs//3.3e-49:294:90//Hs.106800:AI031969

45 R-PLACE1011964//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//2.6e-06:284:63//Hs.124102:AA701285

50 R-PLACE1011982//ESTs//2.9e-51:291:93//Hs.20792:R14890

R-PLACE1011995//ESTs//4.5e-39:304:81//Hs.138852:AA284247

55 R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//8.0e-106:540:95//Hs.88756:AB018256

R-PLACE2000003//ESTs//2.0e-103:488:98//Hs.8341:AA490069

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- R-PLACE2000007//ESTs//2.4e-110:564:95//Hs.65135:W89120
- 5 R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//4.8e-105:524:95//Hs.21811:AF091080
- R-PLACE2000015//ESTs//7.1e-111:543:96//Hs.32178:AA083211
- 10 R-PLACE2000017//EST//8.2e-46:404:79//Hs.133006:AI049504
- R-PLACE2000021//EST//4.5e-19:221:71//Hs.150830:AI302868
- 15 R-PLACE2000033//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.6e-43:355:79//Hs.154069:U06452
- 20 R-PLACE2000034//ESTs//2.2e-21:314:70//Hs.107697:W29013
- R-PLACE2000039//H.sapiens mRNA for translin associated protein X//2.9e-45:514:72//Hs.96247:X95073
- 25 R-PLACE2000047//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete cds//4.1e-45:358:81//Hs.159523:AF001622
- 30 R-PLACE2000050//ESTs//4.5e-65:322:98//Hs.155820:N67652
- R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.2e-41:429:72//Hs.153468:AB011147
- 35 R-PLACE2000062//Human mRNA for KIAA0392 gene, partial cds//2.0e-43:296:86//Hs.40100:AB002390
- 40 R-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//6.2e-111:550:95//Hs.9443:AF027219
- R-PLACE2000097//Calcium modulating ligand//6.2e-47:372:80//Hs.13572:AF068179
- 45 R-PLACE2000100//ESTs//8.8e-42:281:86//Hs.150727:AI292236
- R-PLACE2000103//ESTs//4.7e-97:518:93//Hs.118727:W26941
- 50 R-PLACE2000111//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00043:127:71//Hs.42400:AF022789
- 55 R-PLACE2000115//ESTs//7.8e-93:458:96//Hs.104520:AA481662
- R-PLACE2000132//ESTs//3.8e-69:409:91//Hs.98502:AA433988

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- R-PLACE2000136//ESTs//6.2e-05:274:61//Hs.114067:AA701558
- 5 R-PLACE2000140//Homo sapiens mRNA for KIAA0562 protein, complete cds//4.7e-44:302:85//Hs.118401:AB011134
- R-PLACE2000164//ESTs//6.3e-106:506:98//Hs.16390:AI052357
- 10 R-PLACE2000170//Small inducible cytokine A5 (RANTES)//3.7e-42:326:79//Hs.155464:AF088219
- 15 R-PLACE2000172//ESTs//9.6e-43:232:94//Hs.6709:AI379778
- R-PLACE2000176//EST//1.6e-24:154:91//Hs.157734:AI360292
- 20 R-PLACE2000187//Human mRNA for KIAA0033 gene, partial cds//2.0e-49:292:90//Hs.22271:D26067
- R-PLACE2000216//ESTs//0.0041:166:64//Hs.159476:AI382378
- 25 R-PLACE2000223//ESTs//0.49:171:60//Hs.86154:AA207191
- R-PLACE2000235//ESTs//2.9e-39:264:85//Hs.136839:H93717
- 30 R-PLACE2000246//NAD(P)H:menadione oxidoreductase//4.0e-44:331:82//Hs.80706:M81600
- R-PLACE2000264//Human mRNA for KIAA0365 gene, partial cds//4.0e-38:311:81//Hs.84123:AB002363
- 35 R-PLACE2000274//ESTs, Weakly similar to dynein-related protein [H.sapiens]//1.9e-87:422:98//Hs.9740:AI004779
- 40 R-PLACE2000302//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [Homo sapiens]//4.8e-68:380:92//Hs.107365:AA720664
- 45 R-PLACE2000305//ESTs//2.6e-43:413:75//Hs.118732:AI344055
- R-PLACE2000317//ESTs//2.8e-92:501:92//Hs.28432:R83380
- 50 R-PLACE2000335//ESTs//4.3e-32:300:77//Hs.163035:AA748058
- R-PLACE2000342//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00071:117:73//Hs.42400:AF022789
- 55 R-PLACE2000347//ESTs//1.6e-30:214:86//Hs.135272:AI347618

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R-PLACE2000359//Zinc finger protein 139 (clone pHZ-37)//5.5e-42:288:86//Hs.140090:U09848

5 R-PLACE2000366//Thromboxane A2 receptor//6.7e-53:392:82//Hs.89887:D38081

R-PLACE2000371//ESTs//3.6e-81:409:97//Hs.155138:AA158731

10 R-PLACE2000373//Homo sapiens mRNA for KIAA0734 protein, partial cds//0.89:186:62//Hs.101516:AB018277

R-PLACE2000379//ESTs//3.4e-10:228:64//Hs.57842:W63781

15

R-PLACE2000394//ESTs//6.7e-41:462:74//Hs.107657:AA126814

R-PLACE2000398//ESTs//4.2e-33:373:74//Hs.155184:AA573189

20

R-PLACE2000399

25 R-PLACE2000404//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//4.2e-109:540:96//Hs.6762:AA088424

R-PLACE2000411//ESTs//1.6e-89:459:95//Hs.117589:N25941

30 R-PLACE2000419//ESTs, Weakly similar to F25H9.6 [C.elegans]//1.6e-97:436:95//Hs.24647:W19739

35 R-PLACE2000425//Homo sapiens PEC-205 mRNA, complete cds//2.2e-44:287:88//Hs.153563:AF011333

40 R-PLACE2000427//ESTs, Weakly similar to coded for by C. elegans cDNA CEESI42F [C.elegans]//3.0e-113:543:97//Hs.16933:AA976002

R-PLACE2000433//ESTs//1.8e-46:311:85//Hs.145032:AA343523

45 R-PLACE2000435//ESTs//2.9e-33:243:87//Hs.90964:AA393986

R-PLACE2000438//ESTs//2.8e-09:66:96//Hs.59548:AI279887

50 R-PLACE2000450//Human mRNA for KIAA0392 gene, partial cds//3.3e-39:394:74//Hs.40100:AB002390

R-PLACE2000455//ESTs//1.2e-62:301:99//Hs.151708:AA554714

55 R-PLACE2000458//ESTs//6.8e-92:473:96//Hs.115897:AA156638

R-PLACE2000465//ESTs//1.3e-45:435:76//Hs.141635:N79228

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- R-PLACE2000477//ESTs//2.6e-100:536:94//Hs.77822:AA532642
- 5 R-PLACE3000004//ESTs//9.1e-114:558:97//Hs.13035:AA151838
- R-PLACE3000029//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.3e-64:350:86//Hs.153468:AB011147
- 10 R-PLACE3000059//EST//0.028:175:61//Hs.159873:R92763
- R-PLACE3000070//ESTs//3.8e-16:200:74//Hs.138771:N70979
- 15 R-PLACE3000103//SLET AMYLOID POLYPEPTIDE PRECURSOR//3.7e-48:468:75//Hs.51048:X68830
- 20 R-PLACE3000119//ESTs//1.2e-45:330:83//Hs.35254:AI133727
- R-PLACE3000124//EST//3.1e-75:391:96//Hs.161515:N71739
- 25 R-PLACE3000136//ESTs//8.3e-18:152:84//Hs.10043:D81792
- R-PLACE3000142//ESTs//0.047:183:62//Hs.43102:AA131369
- 30 R-PLACE3000147//ESTs//6.6e-53:310:90//Hs.8230:W07142
- R-PLACE3000148//EST//1.9e-16:184:76//Hs.146570:AI139815
- 35 R-PLACE3000155//ESTs//1.2e-19:192:79//Hs.131350:AA805223
- R-PLACE3000156//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus]//4.8e-36:262:88//Hs.31532:H18272
- 40 R-PLACE3000157
- R-PLACE3000158//Small inducible cytokine A5 (RANTES)//8.2e-39:296:81//Hs.155464:AF088219
- 45 R-PLACE3000160
- 50 R-PLACE3000169//ESTs//1.5e-64:329:97//Hs.129864:R20798
- R-PLACE3000194
- 55 R-PLACE3000197//ESTs//1.4e-3 8:197:98//Hs.146341:AI269930
- R-PLACE3000199//ESTs, Highly similar to APOLIPOPROTEIN E PRECURSOR [Sus

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scrofa]/0.018:261:61//Hs.131370:AA927516

- 5 R-PLACE3000207//EST//1.3e-15:154:78//Hs.136617:AA630476
- R-PLACE3000208//ESTS//1.6e-18:151:82//Hs.155498:W27084
- 10 R-PLACE3000218//ESTs//1.8e-85:463:93//Hs.7849:AI129964
- R-PLACE3000220//ESTs//6.4e-44:308:84//Hs.136839:H93717
- 15 R-PLACE3000226//ESTs//1.3e-49:269:95//Hs.9059:AI359014
- R-PLACE3000230//EST//2.3e-34:258:83//Hs.4382:T02878
- 20 R-PLACE3000242//Human trophinin mRNA, complete cds//1.1e-63:546:78//Hs.76313:U04811
- R-PLACE3000244//ESTs, Highly similar to NEGATIVE REGULATOR OF MITOSIS [Emericella nidulans]/7.5e-110:549:95//Hs.13692:AA632002
- 25 R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//2.4e-29:174:94//Hs.87908:AB002307
- 30 R-PLACE3000271//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.3e-62:287:82//Hs.97203:U83171
- R-PLACE3000276//ESTs//7.5e-07:187:64//Hs.80720:AA031782
- 35 R-PLACE3000304//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//4.0e-59:456:80//Hs.108966:U48696
- 40 R-PLACE3000310//ISLET AMYLOID POLYPEPTIDE PRECURSOR//6.0e-45:302:86//Hs.51048:X68830
- R-PLACE3000320//Interleukin 10//9.6e-42:288:85//Hs.2180:M57627
- 45 R-PLACE3000322//ESTs, Highly similar to ARGININOSUCCINATE LYASE [Homo sapiens]/5.8e-34:190:95//Hs.114531:N74103
- 50 R-PLACE3000331//Homo sapiens mRNA for KIAA0772 protein, complete cds//3.7e-32:239:84//Hs.15519:AB018315
- 55 R-PLACE3000339//ESTs//1.3e-109:548:96//Hs.7871:AI041837
- R-PLACE3000341//EST//1.1e-11:231:68//Hs.131328:AA922688

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R-PLACE3000350//Human mRNA for adipogenesis inhibitory factor//8.0e-40:291:76//Hs.1721:X58377

5 R-PLACE3000352//EST//1.8e-72:343:100//Hs.144871:AI202380

R-PLACE3000353//ESTs//2.0e-75:395:95//Hs.107260:W52683

10 R-PLACE3000362//EST//2.8e-80:381:99//Hs.136233:AA261888

R-PLACE3000363

15 R-PLACE3000365//EST//4.8e-50:307:88//Hs.149580:AI281881

R-PLACE3000373//ESTs//5.8e-60:422:83//Hs.142826:W87430

20 R-PLACE3000388//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.0e-35:427:73//Hs.138795:R98534

R-PLACE3000399//ESTs//6.5e-05:162:66//Hs.149440:AI274570

25

R-PLACE3000400//ESTs//8.3e-05:310:63//Hs.17697:AA287528

R-PLACE3000401//ESTs//4.6e-60:326:80//Hs.139555:N48230

30

R-PLACE3000402//Homo sapiens clone 24629 mRNA sequence//0.50:227:62//Hs.142570:AF052160

35 R-PLACE3000405//Human HsLIM15 mRNA for HsLim15, complete cds//5.3e-43:315:82//Hs.37181:D64108

40 R-PLACE3000406//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.4e-47:302:87//Hs.73614:U83460

R-PLACE3000413//ESTs//1.6e-116:571:97//Hs.10235:H93077

45 R-PLACE3000416//Small inducible cytokine A5 (RANTES)//1.8e-41:300:85//Hs.155464:AF088219

50 R-PLACE3000425//Homo sapiens 4F5S mRNA, complete cds//1.6e-46:307:85//Hs.32567:AF073519

R-PLACE3000455//ESTs//1.0:160:64//Hs.156045:AA884461

55 R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, complete cds//6.1e-84:440:92//Hs.153487:U43899

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R-PLACE3000477//ESTs//2.4e-113:568:96//Hs.24557:AA142980

R-PLACE4000009//ESTs//1.5e-72:361:96//Hs.10119:AA700227

5 R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//8.8e-85:433:95//Hs.105399:AB018352

10 R-PLACE4000034//ESTs//7.0e-110:550:96//Hs.76607:AA156240

R-PLACE4000049//EST//0.028:87:75//Hs.89303:AA284031

15 R-PLACE4000052//ESTs//5.6e-116:553:98//Hs.19067:AA521292

R-PLACE4000063//ESTs//5.0e-80:388:98//Hs.135028:AI096444

20 R-PLACE4000089//ESTs//2.3e-97:479:97//Hs.102425:AA807547

R-PLACE4000093//ESTs//1.5e-82:391:99//Hs.160730:AI142739

25 R-PLACE4000100

R-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.7e-98:419:91//Hs.129937:AB007931

30 R-PLACE4000128//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.8e-11:184:71//Hs.154278:N45985

35 R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//5.2e-21:118:100//Hs.118164:AB007969

R-PLACE4000147//EST//1.6e-23:175:79//Hs.162236:AA551582

40 R-PLACE4000156//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.0e-47:306:88//Hs.153468:AB011147

45 R-PLACE4000192//ESTs, Weakly similar to similar to Human zinc finger protein(ZNF142) [H.sapiens]//6.7e-31:232:82//Hs.16493:T92186

R-PLACE4000222//ESTs//2.2e-53:195:85//Hs.141575:AA211734

50 R-PLACE4000233//ESTs//2.9e-81:456:93//Hs.124964:R81949

R-PLACE4000247//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.5e-72:307:85//Hs.113283:AF018080

55 R-PLACE4000250//Small inducible cytokine A5 (RANTES)//7.1e-43:301:83//Hs.155464:

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AF088219

- 5 R-PLACE4000252//EST//1.6e-40:275:85//Hs.162197:AA535216
- R-PLACE4000261//EST//0.0063:384:58//Hs.136284:AA400442
- 10 R-PLACE4000269//ESTs//7.3e-67:345:97//Hs.5000:R44586
- R-PLACE4000270//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-37:352:77//Hs.77579:AF013263
- 15 R-PLACE4000300//EST//0.26:103:68//Hs.144438:AA780782
- R-PLACE4000320//EST//2.7e-44:298:85//Hs.162404:AA573131
- 20 R-PLACE4000323//ESTs//8.8e-38:178:79//Hs.155475:AA761454
- R-PLACE4000326//ESTs//7.4e-103:516:96//Hs.55042:AA150460
- 25 R-PLACE4000344//ESTs//9.9e-94:463:96//Hs.100057:AA001414
- R-PLACE4000367//ESTs//0.81:102:73//Hs.107692:H38478
- 30 R-PLACE4000369//ESTs//1.5e-69:390:92//Hs.13733:AA418656
- R-PLACE4000379//ESTs//1.3e-67:373:91//Hs.48569:AA905425
- 35 R-PLACE4000387//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!
[H.sapiens]//1.9e-44:379:78//Hs.152369:AA504818
- R-PLACE4000392//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//2.3e-70:482:
40 83//Hs.140416:AA778649
- R-PLACE4000401//ESTs//1.3e-18:151:84//Hs.150355:AI273502
- 45 R-PLACE4000411//ESTs//1.1e-108:543:96//Hs.23901:AA169780
- R-PLACE4000445//ESTs, Weakly similar to C05D9.6 gene product [C.elegans]//2.6e-111:
50 530:98//Hs.12003:AA643063
- R-PLACE4000465//Cytochrome P450, subfamily I (aromatic compound-inducible),
polypeptide 2//8.5e-58:409:72//Hs.1361:M55053
- 55 R-PLACE4000489//ESTs//5.0e-70:342:98//Hs.72865:AI380932
- R-PLACE4000494//EST//1.4e-109:525:98//Hs.22539:AI334210

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R-PLACE4000522//ESTs//6.3e-88:471:93//Hs.8121:AA521290

5 R-PLACE4000548//ESTs//3.3e-86:441:96//Hs.5070:AA149527

R-PLACE4000558//Human putative monocarboxylate transporter (MCT) mRNA, complete
cds//5.7e-46:425:76//Hs.23590:U59185

10 R-THYRO1000026//ESTs//2.6e-42:331:82//Hs.137875:AA993532

R-THYRO1000034//ESTs//2.1e-43:214:100//Hs.153018:AI243524

15 R-THYRO1000035//ESTs//7.6e-52:325:90//Hs.49817:AA001249

R-THYRO1000040//ESTs//1.7e-94:459:98//Hs.48712:AI027889

20 R-THYRO1000070//ESTs//6.7e-43:283:86//Hs.37573:H59651

R-THYRO1000072//ESTs//1.3e-57:313:96//Hs.127827:H13438

25 R-THYRO1000085//ESTs//1.1e-90:439:98//Hs.150539:AA908435

R-THYRO1000092//Human mRNA for KIAA0355 gene, complete cds//1.3e-41:344:
30 79//Hs.153014:AB002353

R-THYRO1000107//Interieuldn 10//2.8e-43:292:84//Hs.2180:M57627

35 R-THYRO1000111//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG
[Homo sapiens]//1.0e-52:413:80//Hs.140385:AA773359

R-THYRO1000121//EST//0.24:78:74//Hs.156632:AI345108

40 R-THYRO1000124//ESTs//2.8e-86:428:96//Hs.141634:AI122764

R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds//6.8e-90:449:
45 96//Hs.87619:AF087142

R-THYRO1000132//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//5.2e-49:486:77//Hs.24164:N95217

50 R-THYRO1000156//ESTs//6.1e-36:344:75//Hs.70279:AA757426

R-THYRO1000163//Homo sapiens LIM protein mRNA, complete cds//4.8e-38:278:
55 84//Hs.154103:AF061258

R-THYRO1000173//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47

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[Mus musculus]//1.1e-111:554:96//Hs.18894:AA910946

R-THYRO1000186//ESTs//1.0e-44:339:83//Hs.155184:AA573189

5

R-THYRO1000187//Small inducible cytokine A5 (RANTES)//1.1e-41:305:81//Hs.155464:AF088219

10

R-THYRO1000190//Small inducible cytokine A5 (RANTES)//2.3e-44:301:85//Hs.155464:AF088219

15

R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//3.6e-110:535:97//Hs.43445:AJ005698

20

R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.3e-115:559:97//Hs.79672:AB014552

R-THYRO1000206//ESTs//3.1e-90:507:90//Hs.32456:W29063

25

R-THYRO1000221//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING

ENTRY !!!! [H.sapiens]//1.1e-72:357:98//Hs.140002:AA635349

30

R-THYRO1000241//Homo sapiens mRNA for KIAA0688 protein, complete cds//7.8e-69:524:82//Hs.141874:AB014588

R-THYRO1000242//ESTs//4.2e-27:222:85//Hs.77554:W87927

35

R-THYRO1000253//Sialophorin (gpL115, leukosialin, CD43)//7.3e-40:318:80//Hs.80738:X52075

40

R-THYRO1000270//ESTs//1.9e-99:531:94//Hs.17767:N62925

R-THYRO1000279//EST//2.7e-54:266:99//Hs.149527:AI280674

45

R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//3.5e-100:566:91//Hs.25846:AB016068

R-THYRO1000320//POLYPOSIS LOCUS PROTEIN 1//1.0:321:58//Hs.74648:M73547

50

R-THYRO1000327//Autocrine motility factor receptor//9.2e-54:289:93//Hs.80731:M63175

55

R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//3.4e-113:559:96//Hs.12002:AB018333

R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds//1.5e-48:317:87//Hs.7833:U29091

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R-THYRO1000368//ESTs//4.7e-88:430:98//Hs.146085:AA021064

5 R-nnnnnnnnnnnnn//ESTs//1.0:253:57//Hs.128783:AA436250

R-THYRO1000387//Homo sapiens ubiquitin conjugating enzyme G2 (UBE2G2) mRNA, complete cds//4.6e-69:294:84//Hs.151614:AF032456

10 R-THYRO1000394//Thromboxane A2 receptor//4.1e-40:232:87//Hs.89887:D38081

R-THYRO1000395//ESTs//3.3e-20:160:83//Hs.101570:AA505429

15 R-THYRO1000401//ESTs//1.3e-109:516:99//Hs.78524:AI140601

R-THYRO1000438//ESTs//2.1e-48:360:83//Hs.141203:H52638

20 R-THYRO1000452//ESTs, Weakly similar to No definition line found [C.elegans]//8.5e-40:239:90//Hs.84009:AI309761

25 R-THYRO1000471//ESTs//3.3e-36:302:80//Hs.70279:AA757426

R-THYRO1000484//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.2e-49:479:75//Hs.17630:AB018280

30 R-THYRO1000488//Homa sapiens mRNA for HRIHFB2038, partial cds//4.1e-89:471:94//Hs.28719:AB015333

35 R-THYRO1000501//ESTs//L5e-46:287:89//Hs.125300:R62360

R-THYRO1000502//ESTs//1.7e-08:63:96//Hs.116319:AI208005

40 R-THYRO1000505//ESTs, Weakly similar to KIAA0281 [H. sapiens]//3.9e-57:286:96//Hs.105861:AI206965

R-THYRO1000558//ESTs//1.7e-95:454:99//Hs.125063:AA648511

45 R-THYRO1000569//ESTs//3.2e-89:463:94//Hs.20555:W22193

R-THYRO1000570//ESTs//2.8e-97:471:97//Hs.8245:AA115485

50 R-nnnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds//2.6e-108:533:97//Hs.151411:AF075587

55 R-THYRO1000596//ESTs//3.1e-99:527:94//Hs.6084:AA045247

R-THYRO1000602//EST//6.9e-50:381:83//Hs.161917:AA483223

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- 5 R-THYRO1000605//ESTs, Weakly similar to monocytic leukaemia zinc finger protein
[H.sapiens]//1.2e-96:483:96//Hs.21907:N24415
- R-THYRO1000625//ESTs//5.6e-36:257:84//Hs.139657:AA191742
- 10 R-THYRO1000637
- R-THYRO1000641//ESTs, Weakly similar to ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE
PROTEIN [H.sapiens]//4.9e-46:245:95//Hs.97398:AA398634
- 15 R-THYRO1000658//ESTs//5.8e-48:281:90//Hs.142259:AA828840
- R-nnnnnnnnnnnn//ESTs//1.5e-82:389:99//Hs.155573:AA487384
- 20 R-THYRO1000666//ESTs//1.4e-26:179:88//Hs.98382:AA779866
- R-THYRO1000676//EST//6.4e-05:88:77//Hs.133424:AI061063
- 25 R-THYRO1000684//ESTs//1.9e-69:374:94//Hs.144617:R77109
- R-THYRO1000699//ESTs//1.7e-58:394:86//Hs.26373:AA700713
- 30 R-THYRO1000712
- R-THYRO1000734//EST//2.0e-06:95:73//Hs.156201:AA724287
- 35 R-THYRO1000748//EST//4.1e-12:155:74//Hs.118694:AA148713
- R-THYRO1000756//ESTs, Weakly similar to CMP-N-ACETYLNEURAMINATE-BETA-
GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANSFERASE [H.sapiens]//8.1e-82:497:
40 87//Hs.109672:W22624
- R-THYRO1000777
- 45 R-THYRO1000783//EST//5.6e-100:470:99//Hs.123515:AA812932
- R-THYRO1000787//EST//8.0e-34:175:99//Hs.99607:AA463897
- 50 R-THYRO1000793//ESTs//2.2e-106:505:99//Hs.50929:AA443144
- R-THYRO1000796//ESTs//4.3e-44:445:75//Hs.55855:AA621381
- 55 R-THYRO1000805//EST//2.6e-32:407:67//Hs.123424:AA813594
- R-THYRO1000815//Human mRNA for KIAA0033 gene, partial cds//2.0e-56:307:87//Hs.22271:

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- 5 R-THYRO1000829
- R-THYRO1000843//Interleukin 10//1.1e-44:285:87//Hs.2180:M57627
- 10 R-THYRO1000852//EST//2.3e-20:157:85//Hs.149580:AI281881
- R-THYRO1000855//ESTs//2.6e-44:359:81//Hs.140329:AA714011
- 15 R-THYRO1000865//Protein kinase, interferon-inducible double stranded RNA dependent//2.8e-44:374:79//Hs.73821:M35663
- R-THYRO1000895//ESTs//1.0e-32:196:85//Hs.138630:H97871
- 20 R-THYRO1000916//ESTs//4.6e-99:492:96//Hs.152442:AA528234
- R-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.1e-110:566:94//Hs.78106:AF079529
- 25 R-THYRO1000934//ESTs//7.4e-102:535:95//Hs.58194:W72182
- R-THYRO1000951//ESTs//4.2e-11:91:89//Hs.6278:T15859
- 30 R-THYRO1000952//ESTs//3.9e-93:489:94//Hs.48928:AA211761
- R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds//1.1e-60:321:95//Hs.14454:AF047440
- 35 R-THYRO1000975//EST//9.8e-49:303:89//Hs.149580:AI281881
- 40 R-THYRO1000983//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thaliana]//1.6e-90:474:93//Hs.106616:AI027524
- R-THYRO1000984//ESTs//5.9e-97:481:96//Hs.142457:AI202777
- 45 R-THYRO1000988//EST//3.5e-42:241:83//Hs.162404:AA573131
- R-THYRO1001003//ESTs, Weakly similar to ubiquitin-conjugating enzyme [H.sapiens]//3.0e-57:341:91//Hs.44049:AA521489
- 50 R-THYRO1001031//ESTs//5.5e-47:322:85//Hs.136839:H93717
- 55 R-THYRO1001033//ESTs//5.7e-89:427:98//Hs.71508:AA809070
- R-THYRO1001062//EST//1.5e-46:291:89//Hs.161917:AA483223

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- R-THYRO1001093//ESTs//2.7e-80:468:90//Hs.124601:AA203497
- 5 R-THYRO1001100
- R-THYRO1001120//ESTs, Moderately similar to fractionated X-irradiation-induced 29
thymoma [M.musculus]//6.6e-86:491:89//Hs.89135:AI138834
- 10 R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//2.6e-82:429:
94//Hs.12570:AJ006417
- 15 R-THYRO1001133//ESTs//2.9e-39:242:90//Hs.152340:AA521399
- R-THYRO1001134//ESTs//1.8e-102:521:95//Hs.108408:N31922
- 20 R-THYRO1001142//ESTs//0.26:84:69//Hs.153434:AI287853
- R-THYRO1001173//Human mRNA for KIAA0238 gene, partial cds//0.0012:305:62//Hs.82042:
D87075
- 25 R-THYRO1001177
- R-THYRO1001189//H.sapiens F11 mRNA//1.5e-59:260:83//Hs.159639:X77744
- 30 R-THYRO1001204//ESTs, Weakly similar to TH1 protein [D.melanogaster]//1.0e-75:431:
91//Hs.5184:AA709151
- 35 R-THYRO1001213//ESTs//1.3e-75:409:92//Hs.140213:AA828932
- R-THYRO1001262//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.3e-48:349:
83//Hs.139107:K00629
- 40 R-THYRO1001271//PUTATIVE PROTEIN PHOSPHATASE 2C//1.0:128:64//Hs.118728:
D13640
- 45 R-THYRO1001290//ESTs//2.1e-89:424:99//Hs.118152:AA702561
- R-THYRO1001313//ESTs//3.5e-17:139:87//Hs.15827:H16269
- 50 R-THYRO1001320//ESTs//1.4e-61:403:79//Hs.139555:N48230
- R-THYRO1001321//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)
//8.5e-05:326:60//Hs.82314:M31642
- 55 R-nnnnnnnnnnnnn//ESTs//0.16:422:5.9//Hs.23876:AA082935

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R-THYRO1001347//ESTs, Weakly similar to C35A5.8 [C.elegans]//1.1e-106:562:94//Hs.15032:AA774250

5 R-THYRO1001363//ESTs//1.4e-99:508:95//Hs.5028:D51033

R-THYRO1001365

10 R-THYRO1001374

R-THYRO001401//Human HsLIM15 mRNA for HsLim15, complete cds//2.5e-48:467:75//Hs.37181:D64108

15

R-THYRO1001403//Interleukin 10//2.1e-46:305:85//Hs.2180:M57627

R-THYRO1001405//ESTs//4.8e-25:197:84//Hs.6907:W72733

20

R-THYRO1001406//EST//0.0023:117:66//Hs.162931:AA633197

R-THYRO1001411//ESTs//6.1e-77:421:93//Hs.22973:R40979

25

R-THYRO1001426//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//9.1e-49:305:86//Hs.159187:AB007977

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R-THYRO1001434//ESTs//0.40:161:61//Hs.161993:AA503172

R-THYRO1001458//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//1.7e-05:159:66//Hs.104239:AA488082

35

R-THYRO1001480//Small inducible cytokineA5 (RANTES)//1.3e-40:331:79//Hs.155464:AF088219

40

R-THYRO1001487//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.1e-17:134:76//Hs.15731:AB011135

R-THYRO1001534//ESTs//4.6e-96:447:100//Hs.135204:AI093110

45

R-THYRO1001537//ESTS, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.0e-33:304:80//Hs.108740:W20094

50

R-THYRO1001541//Human peptide transporter (HPEPT1) mRNA, complete cds//9.0e-49:427:76//Hs.2217:U21936

R-THYRO1001559//ESTs//0.99:210:62//Hs.33619:AA021594

55

R-THYRO1001570//ESTs//4.9e-48:287:91//Hs.27131:AA442413

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R-THYRO1001573//ESTs//2.1e-87:446:95//Hs.143669:AA621958

R-THYRO1001584//ESTs//1.5e-64:354:95//Hs.146222:AA397741

5 R-THYRO1001595//ESTs//5.7e-39:366:78//Hs.22562:R54247

R-THYRO1001602//Insulin-like growth factor 1 (somatomedia C)//7.4e-12:288:67//Hs.85112:
10 X57025

R-THYRO1001605//Human GS2 mRNA, complete cds//6.9e-49:359:83//Hs.264:U03886

15 R-THYRO1001617//Homo sapiens peroxisomal acyl-CoA:dihydroxyacetonephosphate
acyltransferase (DHAPAT) mRNA, complete cds//1.3e-82:434:93//Hs.12482:AJ002190

R-THYRO1001637//Homo sapiens KIAA0414 mRNA, partial cds//7.1e-58:331:83//Hs.127649:
20 AB007874

R-THYRO1001656//ESTs//3.8e-19:209:75//Hs.92186:AI080282

25 R-THYRO100166//ESTs//1.4e-56:323:91//Hs.24984:AA534446

R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa
isoform//1.6e-111:562:95//Hs.118633:AJ225089

30 R-THYRO1001673//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0488//1.0e-17:246:73//Hs.67619:AB007957

35 R-THYRO1001703//ESTs//1.1e-39:142:97//Hs.110748:AI341726

R-THYRO1001706//ESTs//2.2e-42:214:99//Hs.112536:AI147691

40 R-THYRO1001721

R-nnnnnnnnnnnnn//ESTs, Weakly similar to ZK1128.6 [C.elegans]//1.7e-10:147:
45 77//Hs.158196:R53184

R-THYRO1001745//ELK1, member of ETS oncogene family//1.8e-12:282:65//Hs.116549:
AL009172

50 R-THYRO1001746//EST//0.0073:226:61//Hs.146544:AI125323

R-THYRO1001772//ESTs//8.2e-100:495:97//Hs.144993:AA243474

55 R-THYRO1001793//ESTs//2.5e-89:430:97//Hs.58127:AA534224

R-THYRO1001809//ESTs//1.0e-41:327:80//Hs.146811:AA410788

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5 R-THYRO1001854//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0487//5.7e-38:242:83//Hs.92381:AB007956

R-THYRO1001895//ESTs//1.7e-08:213:64//Hs.156056:AI352123

10 R-THYRO1001907//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//3.7e-41:362:79//Hs.139007:H74314

R-VESEN1000122

15 R-Y79AA1000013//ESTs//0.99:233:57//Hs.132216:AA923289

R-Y79AA1000033//EST//1.9e-62:324:95//Hs.157692:AI359321

20 R-Y79AA1000037//ESTs//6.1e-47:234:98//Hs.30773:AA557178

R-Y79AA1000059//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.8e-51:330:
89//Hs.153026:AB014540

25 R-Y79AA1000065//ESTs//2.0e-91:497:94//Hs.37759:H59629

R-Y79AA1000131//EST//2.3e-16:184:75//Hs.141501:N50792

30 R-Y79AA1000181//ESTs, Weakly similar to No definition line found [C.elegans]//2.4e-110:
553:95//Hs.23159:AA113849

35 R-Y79AA1000202//Human mRNA for KIAA0169 gene, partial cds//0.094:185:62//Hs.79414:
D79991

R-Y79AA1000214//ESTs//1.7e-93:495:94//Hs.11673:W68103

40 R-Y79AA1000230//ESTs//3.5e-114:553:98//Hs.47125:AI421812

R-Y79AA1000231//ESTs//1.1e-106:526:97//Hs.82856:AI246624

45 R-Y79AA1000258//ESTs//1.5e-99:490:97//Hs.6459:AI092936

R-Y79AA1000268//Human mRNA for KIAA0365 gene, partial cds//1.3e-44:320:84//Hs.84123:
50 AB002363

R-Y79AA1000313//ESTs//1.7e-105:558:93//Hs.18851:AA857826

55 R-Y79AA1000328//ESTs//1.9e-76:448:91//Hs.16470:AA121635

R-Y79AA1000342//ESTs, Weakly similar to MATRIN 3 [H.sapiens]//2.0e-37:239:88//Hs.23476:

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AA401210

- 5 R-Y79AA1000346//ESTs//7.9e-12:139:76//Hs.115987:AA483808
- R-Y79AA1000349//ESTs, Moderately similar to spermatid perinuclear RNA-binding protein Spnr [M.musculus]//4.4e-66:339:97//Hs.8215:AA521150
- 10 R-Y79AA1000355//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//3.2e-44:279:88//Hs.139007:H74314
- R-Y79AA1000368//ESTs//3.8e-97:513:94//Hs.68090:AA641018
- 15 R-Y79AA1000405//ESTs//4.4e-47:267:94//Hs.125304:R51613
- R-Y79AA1000410//ESTs//7.4e-49:359:82//Hs.158107:AA707758
- 20 R-Y79AA1000420//EST//0.17:99:69//Hs.160859:AI352292
- R-Y79AA1000469//ESTs, Highly similar to ancient ubiquitous 46 kDa protein AUP46 precursor [M.musculus]//3.1e-60:362:88//Hs.6381:AI188509
- 25 R-Y79AA1000480//ESTs//1.0e-75:433:91//Hs.78110:AA741320
- 30 R-Y79AA1000538//EST//7.9e-48:307:87//Hs.149580:AI281881
- R-Y79AA1000539//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.95:172:62//Hs.41723:U37426
- 35 R-Y79AA1000540//ESTs//1.5e-97:534:93//Hs.67991:AA147848
- R-Y79AA1000560//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//8.2e-97:482:97//Hs.19121:AI125280
- 40 R-Y79AA1000574//ESTs, Weakly similar to M04B2.4 [C.elegans]//1.3e-107:564:93//Hs.16361:AI147455
- 45 R-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//3.4e-99:517:94//Hs.60580:AF060503
- 50 R-Y79AA1000705//ESTs, Weakly similar to HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION [Saccharomyces cerevisiae]//8.1e-27:140:100//Hs.129049:H28818
- 55 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//8.7e-114:586:95//Hs.83023:AF093670

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R-Y79AA1000748//ESTs, Weakly similar to HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III [C.elegans]//9.8e-111:563:95//Hs.19845:AI005330

- 5 R-Y79AA1000752//Homo sapiens (huc) mRNA, complete cds//0.97:235:59//Hs.1701:L26405
- R-Y79AA1000774//ESTs//5.9e-109:559:95//Hs.17138:N91463
- 10 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds//1.6e-18:107:100//Hs.84753:D87433
- R-Y79AA1000784//EST//0.80:87:67//Hs.158558:AI368359
- 15 R-Y79AA1000794//ESTs//2.7e-99:498:96//Hs.25441:AA580512
- R-Y79AA1000800//ESTs//1.2e-97:532:93//Hs.77822:AA532642
- 20 R-nnnnnnnnnnnn//Carboxypeptidase E//0.018:354:59//Hs.75360:X51405
- R-Y79AA1000805
- 25 R-Y79AA1000824//ESTs//0.99:276:61//Hs.153992:AA280227
- R-Y79AA1000827//ESTs//1.2e-55:326:92//Hs.158127:AI334650
- 30 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds//0.016:386:59//Hs.55836:U85647
- 35 R-Y79AA1000962//EST//0.024:177:63//Hs.25214:R37079
- R-Y79AA1000968
- 40 R-Y79AA1000969//ESTs//2.9e-70:251:98//Hs.120858:AA417181
- R-Y79AA1000976//ESTs//7.8e-56:299:95//Hs.120125:M86049
- 45 R-Y79AA1000985
- R-Y79AA1001023//ESTs//5.7e-66:379:90//Hs.64616:W22851
- 50 R-Y79AA1001041//ESTs//8.6e-06:54:100//Hs.8980:AA629067
- R-Y79AA1001048//ESTs//4.4e-97:461:99//Hs.7010:AA837407
- 55 R-Y79AA1001061//ESTs//3.8e-105:493:99//Hs.128419:AI271325
- R-Y79AA1001068//Homo sapiens mRNA for KIAA0563 protein, complete cds//4.8e-53:279:

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83//Hs.15731:AB011135

- 5 R-Y79AA1001077//ESTs//1.9e-51:339:87//Hs.11197:AA309047
- R-Y79AA1001078//ESTs//8.3e-98:528:92//Hs.24608:AA161260
- 10 R-Y79AA1001105//ESTs//6.0e-77:393:96//Hs.30837:H08155
- R-Y79AA1001145//ESTs//1.7e-13:285:64//Hs.128259:AA343015
- 15 R-Y79AA1001167
- R-Y79AA1001177//EST//1.2e-05:92:76//Hs.65277:T15884
- R-Y79AA1001185
- 20 R-Y79AA1001211//ESTs//1.3e-70:344:97//Hs.49760:AA741051
- R-Y79AA1001216//ESTs//5.8e-63:416:88//Hs.8595:W60933
- 25 R-Y79AA1001228//ESTs//9.3e-101:483:98//Hs.13916:AI025750
- R-Y79AA1001233//EST//0.00027:232:62//Hs.132431:AA909674
- 30 R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//1.1e-110:549:95//Hs.23170:AJ005892
- 35 R-Y79AA1001281//ESTs//3.6e-98:466:99//Hs.104442:AA481271
- R-Y79AA1001299//Human Ini1 mRNA, complete cds//9.6e-25:133:100//Hs.155626:U04847
- 40 R-Y79AA1001312//ESTs//3.4e-92:454:97//Hs.127319:AI191149
- R-Y79AA1001323//ESTs//1.6e-67:422:89//Hs.118559:AA887084
- 45 R-Y79AA1001384//ESTs//3.1e-104:496:98//Hs.153692:AA604143
- R-Y79AA1001391//ESTs//2.2e-77:418:94//Hs.118608:AA101819
- 50 R-Y79AA1001394//ESTs//2.1e-78:409:95//Hs.23413:AA579859
- R-Y79AA1001402//EST//9.3e-08:128:75//Hs.141607:N63891
- 55 R-Y79AA1001493//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thaliana]//4.4e-109:553:95//Hs.106616:AI027524

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- R-Y79AA1001511//ESTs//4.9e-49:271:92//Hs.109045:AA523704
- 5 R-Y79AA1001533//ESTs, Moderately similar to RNA polymerase I associated factor
[M.musculus]//6.2e-46:260:94//Hs.24884:AA176812
- R-nnnnnnnnnnnn//EST//0.62:126:67//Hs.137020:AA868563
- 10 R-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//3.5e-95:517:91//Hs.76987:
AF012872
- 15 R-Y79AA1001555//Collagen, type XI, alpha 1//1.0:157:64//Hs.82772:J04177
- R-Y79AA1001585//ESTs//1.9e-90:430:98//Hs.48333:AA704508
- 20 R-Y79AA1001594//ESTs//9.6e-23:122:100//Hs.63795:AI126237
- R-Y79AA1001603//ESTs//1.0e-50:193:100//Hs.25635:AI336204
- 25 R-Y79AA1001613//ESTs, Weakly similar to zinc finger protein [H.sapiens]//7.2e-81:400:
97//Hs.13323:AA897542
- R-Y79AA1001647//ESTs//6.8e-92:479:95//Hs.154270:N26486
- 30 R-Y79AA1001665//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//2.5e-19:
112:97//Hs.26252:AA643235
- 35 R-Y79AA1001679//ESTs, Highly similar to LAMBDA-CRYSTALLIN [Oryctolagus
cuniculus]//9.7e-99:553:92//Hs.108896:R54040
- R-nnnnnnnnnnnn
- 40 R-Y79AA1001696//ESTs//1.4e-84:478:91//Hs.6606:AA211783
- R-Y79AA1001705//ESTs//6.7e-107:546:95//Hs.106805:AA418490
- 45 R-Y79AA1001711//Human DNA sequence from clone 1119D9 on chromosome 20p12.
Contains part of a gene for a PAK1 LIKE Serine/Threonine-Protein Kinase and part of the
PLCB4 gene for Phospholipase C, beta (1-Phosphatidylinositol -4,5-Bisphosphate
50 Phosphodiesterase Beta 4). Contains ESTs, STSs and GSSs//0.0085:251:63//Hs.21864:
AL031652
- R-Y79AA1001781//ESTs, Weakly similar to partial CDS [C.elegans]//9.4e-87:427:
55 97//Hs.18645:AI023798
- R-nnnnnnnnnnnn//ESTs//1.1e-112:558:97//Hs.109755:AA180809

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- 5 R-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.03c protein
[H.sapiens]//8.1e-95:530:91//Hs.72444:W23217
- R-Y79AA1001846//EST//2.8e-41:312:81//Hs.162236:AA551582
- 10 R-Y79AA1001848//Human adhalin (DAG2) mRNA, complete cds//0.54:221:58//Hs.99931:
L34355
- R-Y79AA1001866//ESTs//2.2e-102:498:97//Hs.130683:AI278630
- 15 R-Y79AA1001874//ESTs//1.9e-76:377:98//Hs.79707:AA354094
- R-Y79AA1001875//ESTs//0.64:152:63//Hs.156159:AI333652
- 20 R-Y79AA1001923//EST//0.19:180:58//Hs.148290:AA908404
- R-Y79AA1002027//ESTs//1.6e-104:497:98//Hs.21275:N73275
- 25 R-Y79AA1002083//Homo sapiens mRNA for KIAA0563 protein, complete cds//0.69:93:
73//Hs.15731:AB011135
- 30 R-Y79AA1002089//Homo sapiens PYRJN (MEFV) mRNA, complete cds//1.1e-46:392:
80//Hs.113283:AF018080
- R-Y79AA1002093//Homo sapiens GT198 mRNA, complete ORF//1.2e-12:80:100//Hs.78185:
35 L38933
- R-Y79AA1002103//ESTs//1.3e-52:535:76//Hs.142167:AI417785
- R-Y79AA1002115//ESTs//4.2e-101:519:96//Hs.23977:AA115275
- 40 R-Y79AA1002125//ESTs//9.8e-68:363:94//Hs.72085:AA193399
- R-Y79AA1002139//ESTs//1.2e-100:498:96//Hs.72020:AA149858
- 45 R-Y79AA1002204//ESTs//2.1e-83:434:95//Hs.22979:R43725
- R-nnnnnnnnnnnn//ESTs//1.7e-55:478:76//Hs.154554:AA552715
- 50 R-Y79AA1002209//ESTs, Weakly similar to similar to tyrosyl-tRNA synthetase.
[C.elegans]//3.5e-108:553:95//Hs.50441:AA747428
- 55 R-Y79AA1002210//ESTs//4.2e-16:92:100//Hs.54862:AA248349
- R-Y79AA1002211//ESTs, Weakly similar to PHOSPHATIDYLETHANOLAMINE-BINDING

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PROTEIN [H.sapiens]/6.5e-86:518:90//Hs.25682:AA857843

5 R-Y79AA1002220//EST//1.3e-68:326:100//Hs.131052:AI016274

R-Y79AA1002229//ESTs//1.9e-98:467:98//Hs.132002:AI039977

10 R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds//2.0e-118:564:98//Hs.100729:AB014592

15 R-Y79AA1002246//ESTs, Weakly similar to PROTEIN KINASE C, BRAIN ISOZYME [D.melanogaster]/9.0e-102:507:96//Hs.25895:AI341537

R-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds//2.4e-93:453:97//Hs.96731:AB014555

20 R-Y79AA1002298//ESTs//0.022:241:62//Hs.118272:N90288

R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds//8.1e-110:403:99//Hs.30898:AB014534

25 R-Y79AA1002311//EST//2.6e-27:214:85//Hs.144721:AI187985

R-Y79AA1002351//ESTs//5.6e-100:489:97//Hs.30318:AA913371

30 R-Y79AA1002361

R-Y79AA1002399//ESTs//0.029:149:65//Hs.43872:N26908

35 R-Y79AA1002407//ESTs//2.8e-117:552:99//Hs.99519:AI042000

R-Y79AA1002416//ESTs//2.6e-107:531:96//Hs.6716:AA502753

40 R-Y79AA100243//EST//6.6e-23:128:98//Hs.128417:AA975026

45 R-nnnnnnnnnnnn//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 68 [Saccharomyces cerevisiae]/4.4e-62:390:88//Hs.143930:AI207821

R-Y79AA1002472//ESTs//1.1e-39:234:78//Hs.117969:H94870

50 R-Y79AA1002482//ESTs//3.4e-45:312:85//Hs.146811:AA410788

R-Y79AA1002487//ESTs//1.7e-80:427:94//Hs.49210:N66499

55

Homology Search Result Data 6

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Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequences. In the result of the search shown below, both units, aa and bp, are used as length units for the sequences to be compared. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology, and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

5 C-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.9E-250//554aa//85%//Q61712

10 C-HEMBA1000030

C-HEMBA1000046

15 C-HEMBA1000050

C-HEMBA1000076

20 C-HEMBA1000156//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//1.9E-12//368aa//24%//P08553

25 C-HEMBA1000158//HEPATOCYTE NUCLEAR FACTOR 3-GAMMA (HNF-3G).//5E-16//166aa//36%//P35584

30 C-HEMBA1000168//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I).//2.9E-14//303aa//25%//P35662

C-HEMBA1000185//RAS-RELATED PROTEIN RAL-A.//3.4E-12//125aa//31%//P48555

35 C-HEMBA1000193

C-HEMBA1000227

40 C-HEMBA1000288

C-HEMBA1000302

45 C-HEMBA1000304

C-HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1//5.2E-49//107aa//91 %//O35594

50 C-HEMBA1000369//Novel human mRNA similar to mouse gene PICK1 (TR:Q62083).//0//1950bp//98%//AL049654

55 C-HEMBA1000387

C-HEMBA1000392

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C-HEMBA1000460

5 C-HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN)//3.3E-45//481aa//29%//Q04652

10 C-HEMBA1000491//RAS-LIKE PROTEIN 2//2E-22//188aa//31%//P22279

C-HEMBA1000501

C-HEMBA1000508

15 C-HEMBA1000520

20 C-HEMBA1000531//HEAT SHOCK 70 KD PROTEIN COGNATE 1 (HEAT SHOCK 70 KD PROTEIN 70C) (FRAGMENTS)//2.6E-12//73aa//41%//P02826

C-HEMBA1000534

25 C-HEMBA1000555

C-HEMBA1000568

30 C-HEMBA1000588

35 C-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT)//1.8E-55//179aa//61%//O43295

C-HEMBA1000636

C-HEMBA1000682

40 C-HEMBA1000686

C-HEMBA1000719

45 C-HEMBA1000727

C-HEMBA1000752

50 C-HEMBA1000817

C-HEMBA1000851

55 C-HEMBA1000867

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C-HEMBA1000869

C-HEMBA1000872

5 C-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B1 (MAGE-B1 ANTIGEN) (MAGE-XP ANTIGEN)//1.6E-30//127aa//40%//P43366

10 C-HEMBA1000918

C-HEMBA1000919//HYPOTHETICAL 65.5 KD TRP-ASP REPEATS CONTAINING PROTEIN F02E8.5 IN CHROMOSOME X.//1E-10//288aa//23%//Q19124

15 C-HEMBA1000946

C-HEMBA1000968

20 C-HEMBA1000971

C-HEMBA1000975

25 C-HEMBA1001009

C-HEMBA1001022

30 C-HEMBA1001043//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT)//1.4E-12//131aa//38%//Q01485

35 C-HEMBA1001052

C-HEMBA1001080

40 C-HEMBA1001085

C-HEMBA1001088//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN)//3.5E-50//176aa//57%//P48059

45 C-HEMBA1001109

C-HEMBA1001122

50 C-HEMBA1001133

C-HEMBA1001137//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946) (FRAGMENT)//1.5E-116//197aa//58%//Q06730

55 C-HEMBA1001140

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C-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//6.8E-79//179aa//80%//P51646
 5
 C-HEMBA1001197//Homo sapiens mRNA for KIAA0871 protein, complete cds.//9.5E-257//1307bp//94%//AB020678
 10
 C-HEMBA1001235
 C-HEMBA1001257//Homo sapiens mRNA 2-methylacyl-CoA racemase.//0//1672bp//99%//AJ130733
 15
 C-HEMBA1001281
 C-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR
 20
 PRECURSOR.//0.00000002//198aa//29%//Q60401
 C-HEMBA1001303
 25
 C-HEMBA1001310
 C-HEMBA1001326
 30
 C-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.4E-133//614bp//99%//AF057358
 C-HEMBA1001387//GTP-BINDING PROTEIN TC10.//2.9E-64//104aa//82%//P17081
 35
 C-HEMBA1001388
 C-HEMBA1001398
 40
 C-HEMBA1001405
 C-HEMBA1001407
 45
 C-HEMBA1001413
 C-HEMBA1001415
 50
 C-HEMBA1001446
 C-HEMBA1001450
 55
 C-HEMBA1001455

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C-HEMBA1001510//CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-6
(FRAGMENT).//1.7E-16//63aa//61%//P18850

5 C-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1).//4.9E-
37//399aa//29%//P29166

C-HEMBA1001533

10

C-HEMBA1001579//Homo sapiens mRNA for KIAA0850 protein, complete
cds.//0//1662bp//99%//AB020657

15 C-HEMBA1001581

C-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT).//4.9E-156//348aa//83%//Q14141

20 C-HEMBA1001635//TESTIS SPECIFIC PROTEIN A (ZINC FINGER PROTEIN TSGA).//1.6E-
10//155aa//28%//Q63679

25 C-HEMBA1001661//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT
PROTEIN).//4.6E-36//365aa//33%//P33450

C-HEMBA1001702

30 C-HEMBA1001714//Homo sapiens mRNA; cDNA DKFZp564G0422 (from clone
DKFZp564G0422).//0//1845bp//99%//AL050386

35 C-HEMBA1001731

C-HEMBA1001744//SCY1PROTEIN.//9.9E-32//481aa//25%//P53009

40 C-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180.//3.8E-11//206aa//36%//P11675

C-HEMBA1001815

45 C-HEMBA1001819//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.9E-
135//459aa//52%//Q99676

C-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29).//7.6E-64//221aa//55%//Q07230

50 C-HEMBA1001864

C-HEMBA1001869//TRITHORAX PROTEIN.//0.000096//166aa//27%//P20659

55 C-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2)
(ME2GLYDH).//9.3E-36//395aa//26%//Q63342

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C-HEMBA1001987

C-HEMBA1002018

5 C-HEMBA1002049

C-HEMBA1002084

10 C-HEMBA1002125

C-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//1.4E-
15 51//180aa//56%//P79293

C-HEMBA1002177//TRANSCRIPTION FACTOR GATA-4 (GATA BINDING FACTOR-4).//6E-
20 13//190aa//36%//P43694

C-HEMBA1002191

C-HEMBA1002199

25 C-HEMBA1002212//TYROSINE-PROTEIN KINASE 2 (EC 2.7.1.112) (FRAGMENT).//3E-
17//267aa//29%//P18161

30 C-HEMBA1002237

C-HEMBA1002265

35 C-HEMBA1002267//Sus scrofa decorin mRNA, complete cds.//1.1E-
46//302bp//90%//AF125537

C-HEMBA1002349

40 C-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA,
complete cds.//0//1847bp//99%//AF092563

45 C-HEMBA1002419//TRICHOHYALIN.//1.9E-09//299aa//24%//P22793

C-HEMBA1002430

50 C-HEMBA1002439

C-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.//4.2E-
55 24//109aa//55%//Q00994

C-HEMBA1002460

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C-HEMBA1002462

C-HEMBA1002469//DXS8237E PROTEIN (FRAGMENT).//3.5E-50//199aa//61%//P98175

5 C-HEMBA1002475//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)
//1.1E-12//285aa//31%//P17437

10 C-HEMBA1002477

C-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1.//6.8E-
53//257aa//36%//P48732

15 C-HEMBA1002515

C-HEMBA1002542

20 C-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//6.8E-
305//951bp//99%//AF075587

25 C-HEMBA1002583

C-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds.//1.4E-
253//1149bp//99%//AB011169

30 C-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete
cds.//0//1539bp//99%//AB018351

35 C-HEMBA1002688

C-HEMBA1002696

40 C-HEMBA1002750

C-HEMBA1002768//Homo sapiens mRNA for Cdc42-interacting protein 4 (CIP4).//1E-
80//882bp//61%//AJ000414

45 C-HEMBA1002770//Homo sapiens mRNA for KIAA0829 protein, partial
cds.//0//1532bp//99%//AB020636

50 C-HEMBA1002777

C-HEMBA1002794

55 C-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//8.2e-
314//1437bp//99%//AF071185

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C-HEMBA1002818//Homo sapiens, mRNA for fibulin-4.//2E-304//1383bp//99%//AJ132819

C-HEMBA1002850

5

C-HEMBA1002863

C-HEMBA1002876//HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME II.//1.5E-44//188aa//52%//Q09297

10

C-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds.//0//1483bp//100%//AB011148

15

C-HEMBA1002937

C-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//2E-34//300aa//34%//P16157

20

C-HEMBA1002951//Homo sapiens mRNA for KIAA0903 protein, partial cds.//0//1752bp//99%//AB020710

25

C-HEMBA1002954

C-HEMBA1002971

30

C-HEMBA1002973//CAMP-DEPENDENT 3',5'-CYCLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4).//1.2E-27//63aa//100%//P14646

35

C-HEMBA1002997//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//3.8E-25//534aa//24%//Q02224

40

C-HEMBA1003033

C-HEMBA1003035

C-HEMBA1003041

45

C-HEMBA1003046//MITOCHONDRIAL PROCESSING PROTEASE BETA SUBUNIT PRECURSOR (EC 3.4.24.64) (BETA-MPP) (P-52).//2.5E-263//489aa//99%//O75439

50

C-HEMBA1003067

C-HEMBA1003096

55

C-HEMBA1003117

C-HEMBA1003129

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C-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-
 MANNOSE-1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE
 5 PYROPHOSPHORYLASE).//8.5E-51//221aa//33%/P41940

C-HEMBA1003148//Homo sapiens mRNA full-length insert cDNA clone EUROIMAGE
 381801.//0//1583bp//99%/AL079278

10 C-HEMBA1003175

C-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-
 15 METHYLTRANSFERASE (EC 2.1.1.61).//5.9E-74//134aa//53%/P44551

C-HEMBA1003199

20 C-HEMBA1003222

C-HEMBA1003235//TROPOMYOSIN.//0.0000023//109aa//33%/Q02088

25 C-HEMBA1003250//PROTEIN KINASE APK1A (EC 2.7.1.-).//7.2E-41//245aa//42%/Q06548

C-HEMBA1003257

30 C-HEMBA1003281//POLIOVIRUS RECEPTOR PRECURSOR.//6E-11//239aa//32%/P32506

C-HEMBA1003286//Homo sapiens mRNA for beta-1,4-galactosyltransferase IV, complete
 cds.//5.4E-229//1043bp//99%/AB024436

35 C-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete
 cds.//0//791bp//99%/AB011109

40 C-HEMBA1003322

C-HEMBA1003327

45 C-HEMBA1003369//CENTROMERIC PROTEIN E (CENP-E PROTEIN)
 .//0.00000002//248aa//23%/Q02224

C-HEMBA1003370

50 C-HEMBA1003380

C-HEMBA1003395

55 C-HEMBA1003402

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C-HEMBA1003408//Homo sapiens mRNA for KIAA0905 protein, complete cds.//0//1732bp//98%//AB020712

5 C-HEMBA1003417//Homo sapiens mRNA; cDNA DKFZp586C021 (from clone DKFZp586C021).//1.6e-312//1414bp//99%//AL050287

10 C-HEMBA1003418//TRICHOHYALIN.//8.7E-19//281aa//31%//P37709

C-HEMBA1003433//Homo sapiens gene for NBS1, complete cds.//0//511bp//94%//AB013139

15 C-HEMBA1003447

C-HEMBA1003461

20 C-HEMBA1003463

C-HEMBA1003528

25 C-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (ISLET-2).//8.8E-189//360aa//96%//P50480

C-HEMBA1003555//NUCLEOTIDE-BINDING PROTEIN (NBP).//2.1E-68//251aa//52%//P53384

30 C-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAMMA-I).//1.2E-31//71aa//100%//P16874

35 C-HEMBA1003568//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//7.9E-49//279aa//32%//P19474

40 C-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//6.9E-206//445aa//74%//Q13330

C-HEMBA1003581//TALIN.//4.4E-45//52aa//98%//P26039

45 C-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//4.4E-10//118aa//35%//P19682

C-HEMBA1003615

50 C-HEMBA1003617//Homo sapiens HRIHFB2157 mRNA, partial cds.//8.2E-178//501bp//97%//AB015344

55 C-HEMBA1003621

C-HEMBA1003662//TBX2 PROTEIN (T-BOX PROTEIN 2).//1.2E-75//151aa//99%//Q13207

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C-HEMBA1003690//HISTONE DEACETYLASE HDA1.//2.1E-59//249aa//47%//P53973

C-HEMBA1003711

5

C-HEMBA1003807

C-HEMBA1003864

10

C-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58)
(FRAGMENT).//3.8E-16//89aa//46%//P16372

15

C-HEMBA1003959

C-HEMBA1003989

20

C-HEMBA1004074

C-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//8.5E-
221//1188bp//78%//AF091234

25

C-HEMBA1004146

30

C-HEMBA1004199//Homo sapiens mRNA for KIAA0928 protein, partial
cds.//0//1893bp//98%//AB023145

35

C-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete
cds.//0//1892bp//99%//U50748

40

C-HEMBA1004227

C-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//5.7E-
217//1217bp//88%//AF095927

45

C-HEMBA1004246

C-HEMBA1004276//Homo sapiens AP-4 adaptor complex beta4 subunit mRNA, complete
cds.//4.8E-257//738bp//99%//AF092094

50

C-HEMBA1004289

C-HEMBA1004509//Homo sapiens CGI-21 protein mRNA, complete
cds.//0//1512bp//96%//AF132955

55

C-HEMBA1004534

C-HEMBA1004534//Homo sapiens gamma-filamin (ABPL) mRNA, complete cds.//1.2E-
316//1445bp//99%//AF089841

60

C-HEMBA1004596

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C-HEMBA1004693

C-HEMBA1004736

5 C-HEMBA1004753

10 C-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds.//9.1E-34//515bp//66%//U49082

15 C-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds.//2.6E-246//1249bp//94%//L39060

C-HEMBA1004763

20 C-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.4E-111//314aa//58%//P08547

C-HEMBA1004771

25 C-HEMBA1004776

C-HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).//3.8E-69//198aa//66%//P50851

30 C-HEMBA1004806

C-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//8.2E-154//317aa//94%//Q00004

35 C-HEMBA1004850

40 C-HEMBA1004863//Homo sapiens mRNA; cDNA DKFZp586M2022 (from clone DKFZp586M2022).//0//1443bp//100%//AL080114

C-HEMBA1004923

45 C-HEMBA1004929

C-HEMBA1004930//26S PROTEASOME SUBUNIT S5B (KIAA0072) (HA1357).//3.3E-27//65aa//100%//Q16401

50 C-HEMBA1004933

C-HEMBA1004954

55 C-HEMBA1004972//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//0.00000096//286aa//23%//P12036

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C-HEMBA1005475

5 C-HEMBA1005581//Homo sapiens SLIT2 (SUL2) mRNA, complete
cds.//0//1721bp//100%//AF133270

10 C-HEMBA1006248//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58)
(FRAGMENT).//8.6E-23//151aa//37%//P16372

15 C-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA,
complete cds.//3.7E-225//1189bp//88%//AF076183

C-HEMBA1006344//RADIXIN.//1.5E-31//333aa//28%//P26043

C-HEMBA1006377

20

C-HEMBA1006467

C-HEMBA1006474//40 KD PROTEIN.//1.4E-39//292aa//34%//Q01552

25

C-HEMBA1006530

30 C-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID)
(FRAGMENT).//0.000000043//111aa//40%//Q01485

C-HEMBA1006795

35 C-HEMBA1006877//OXYSTEROL-BINDING PROTEIN.//2E-59//378aa//39%//P16258

C-HEMBA1006936

40 C-HEMBA1007018//Homo sapiens dynein light chain-A mRNA, complete cds.//1.5E-
267//1215bp//99%//AP078849

C-HEMBA1007342

45

C-HEMBA1000008

C-HEMBA1000018

50

C-HEMBA1000024

C-HEMBA1000025

55

C-HEMBA1000036

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C-HEMBB1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//2.8E-187//1582bp//80%//AF084928

5 C-HEMBB1000083//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//1.9E-22//426aa//25%//P11799

C-HEMBB1000103

10

C-HEMBB1000119//Homo sapiens ASMTL gene.//0//1891bp//99%//Y15521

C-HEMBB1000136

15

C-HEMBB1000215

20 C-HEMBB1000226//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE EEED8.5.//2.7E-12//112aa//47%//Q09530

C-HEMBB1000244

25 C-HEMBB1000266//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHROMOSOME V.//6.1E-09//242aa//26%//Q23256

C-HEMBB1000338

30

C-HEMBB1000339

C-HEMBB1000391

35

C-HEMBB1000438

C-HEMBB1000449

40

C-HEMBB1000589

C-HEMBB1000591

45

C-HEMBB1000623

C-HEMBB1000630

50

C-HEMBB1000631//LONGEVITY-ASSURANCE PROTEIN 1 (LONGEVITY ASSURANCE FACTOR 1).//4.1E-19//232aa//28%//P78970

55 C-HEMBB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//2.2E-28//273aa//31%//P27671

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C-HEMBB1000671

5 C-HEMBB1000673

C-HEMBB1000705

10 C-HEMBB1000706

C-HEMBB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//6.2E-130//692bp//93%//U53475

15 C-HEMBB1000763//Homo sapiens CGI-89 protein mRNA, complete cds.//0//1676bp//96%//AF151847

20 C-HEMBB1000781//Homo sapiens mitogen-activated protein kinase kinase kinase MEKK2 mRNA, complete cds.//1.2E-126//613bp//97%//AF111105

C-HEMBB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//5.1E-54//232aa//43%//P39956

25 C-HEMBB1000807

C-HEMBB1000810

30 C-HEMBB1000848

C-HEMBB1000852

35 C-HEMBB1000870

C-HEMBB1000887

40 C-HEMBB1000908

45 C-HEMBB1000927//Homo sapiens calsenilin mRNA, complete cds.//1.1E-70//595bp//76%//AF120102

C-HEMBB1000947//Homo sapiens clone HAW 100 putative ribonuclease III mRNA, complete cds.//0//2292bp//99%//AF116910

50 C-HEMBB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.//3.4E-120//580bp//67%//AF099974

55 C-HEMBB1000975

C-HEMBB1000985//MEPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED

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PROTEIN).//8.6E-18//178aa//30%//P28575

C-HEMBB1000991

5

C-HEMBB1001011//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.4E-73//230aa//45%//P51523

10

C-HEMBB1001014

C-HEMBB1001024

15

C-HEMBB1001056//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//2.9E-19//264aa//34%//P46087

20

C-HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//3.6E-52//331bp//80%//AF010144

25

C-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.4E-307//1447bp//97%//AF034803

C-HEMBB1001096

30

C-HEMBB1001105

C-HEMBB1001117

35

C-HEMBB1001126

C-HEMBB1001137//Homo sapiens mRNA for putative phospholipase, complete cds.//0//3069bp//99%//AB019435

40

C-HEMBB1001151//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//4.2E-210//1835bp//76%//AF110267

45

C-HEMBB1001153

C-HEMBB1001169

50

C-HEMBB1001175//ANKYRIN.//6.9E-11//169aa//31%//Q02357

C-HEMBB1001182

55

C-HEMBB1001199

C-HEMBB1001210//Homo sapiens mRNA for KIAA0970 protein, complete

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cds.//0//1816bp//99%//AB023187

5 C-HEMBB1001242//Homo sapiens topoisomerase-related function protein (TRF4-2) mRNA,
partial cds.//1.8E-284//713bp//100%//AF089897

10 C-HEMBB1001288//Homo sapiens CGI-32 protein mRNA, complete cds.//1.8E-
274//642bp//99%//AF132966

C-HEMBB1001289

15 C-HEMBB1001294//GTP-BINDING PROTEIN TC10.//1.2E-79//196aa//80%//P17081

C-HEMBB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA,
complete cds.//1.3E-129//724bp//86%//U92703

20 C-HEMBB1001331

C-HEMBB1001339//DXS8237E PROTEIN (FRAGMENT).//0.0000046//124aa//37%//P98175

25 C-HEMBB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear
gene encoding mitochondrial protein, complete cds.//1.1E-58//292bp//99%//AF097441

30 C-HEMBB1001369

C-HEMBB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete
cds.//0//1586bp//99%//AF100757

35 C-HEMBB1001387

C-MAMMA1002317

40 C-MAMMA1002319

C-MAMMA1002385//RIBONUCLEOPROTEIN RB97D.//0.00000015//206aa//29%//Q02926

45 C-NT2RM1000080//UNC-1 PROTEIN.//5.9E-25//211aa//31%//Q21190

C-NT2RM1000242

50 C-NT2RM1000257//MAGO NASHI PROTEIN.//7.9E-69//143aa//91%//P49028

C-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D
SUBUNIT) (V-ATPASE 28 KD ACCESSORY PROTEIN).//1.5E-106//118aa//97%//P39942

55

C-NT2RM1000669

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C-NT2RM1000781

5 C-NT2RM1000867//Homo sapiens HSPC033 mRNA, complete cds.//6.3E-172//798bp//99%//AF092138

C-NT2RM1001008

10 C-NT2RM1001044//Homo sapiens HSPC031 mRNA, complete cds.//0.000000002//980bp//95%//AF085360

C-NT2RM1001074

15 C-NT2RM1001115//ENDOCHITINASE 2 PRECURSOR (EC 3.2.1.14) .//0.0000056//239aa//27%//

20 C-NT2RM2000006//Human DNA sequence from clone 796F18 on chromosome 1p36.11-36.33 Contains a pseudogene similar to MMS2, ESTs and GSSs, complete sequence.//0//1740bp//99%//AL031291

25 C-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//2.2E-144//362aa//71%//P25167

30 C-NT2RM2000030//DYNEIN INTERMEDIATE CHAIN, CYTOSOLIC (DH IC) (CYTOPLASMIC DYNEIN INTERMEDIATE CHAIN).//0.00000043//136aa//31%//P54703

C-NT2RM2000032

35 C-NT2RM2000042

C-NT2RM2000092//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//1.3E-36//160aa//40%//P50102

40 C-NT2RM2000093

45 C-NT2RM2000101

C-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1574bp//99%//AF067223

50 C-NT2RM2000192

C-NT2RM2000239

55 C-NT2RM2000250//Homo sapiens mRNA; cDNA DKFZp564L232 (from clone DKFZp564L232).//4.2e-314//1416bp//100%//AL080069

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C-NT2RM2000259

5 C-NT2RM2000260//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//3.6E-19//181-aa//34%/P14918

C-NT2RM2000287

10

C-NT2RM2000322//Homo sapiens mRNA for KIAA0859 protein, complete cds.//3.4E-294//863bp//99%/AB020666

15 C-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds.//0//1637bp//99%/AB011132

20 C-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.8E-14//245aa//29%/P11274

25 C-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//0//1506bp//99%/U48251

C-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLEOTIDE//1.7E-68//419aa//36%/P50849

30 C-NT2RM2000374

C-NT2RM2000395

35 C-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT).//1.6E-54//344aa//33%/P32802

40 C-NT2RM2000407

45 C-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//1E-222//237aa//89%/Q08469

C-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//0.0000001//157aa//28%/P36113

50 C-NT2RM2000469//NITROGEN PERMEASE REACTIVATOR PROTEIN (EC 2.7.1.-) .//0.0000089//377aa//24%/P22211

55 C-NT2RM2000490//SYNAPTOTAGMIN(P65).//1.8E-13//166aa//34%/P41823

C-NT2RM2000502

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C-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete
 cds.//0//1673bp//99%//AF061243

5 C-NT2RM2000522//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)
 .//1.3E-12//282aa//32%//P17437

C-NT2RM2000540

10 C-NT2RM2000567

C-NT2RM2000569

15 C-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA
 LIGASE) (ILERS).//1.7E-187//741aa//46%//P73505

20 C-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete
 cds.//0//3001bp//99%//D86987

C-NT2RM2000588//HISTONE DEACETYLASE HDA1.//2.8E-60//384aa//40%//P53973

25 C-NT2RM2000594//Homo sapiens DNA cytosine-5 methyltransferase 3 beta 3 (DNMT3B)
 mRNA, complete cds.//0//2712bp//99%//AF156487

30 C-NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//4.9E-
 70//838bp//69%//AF179221

C-NT2RM2000624//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING
 FACTOR SRP75).//4.4E-32//319aa//35%//Q08170

35 C-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial
 cds.//0//3791bp//99%//AB018272

40 C-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial
 cds.//0//2530bp//99%//AB014558

45 C-NT2RM2000639

C-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial
 cds.//0//1543bp//99%//AB014576

50 C-NT2RM2000669

C-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2).//3.7E-142//285aa//90%//P32391

55 C-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP1)
 .//3.8E-23//184aa//36%//Q15404

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5 C-NT2RM2000718//Homo sapiens HRIHFB2436 mRNA, partial cds.//4.4E-231//1065bp//99%//AB015342

C-NT2RM2000740//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//5.7E-53//266aa//43%//P41877

10 C-NT2RM2000795

C-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETACOP).//9.5E-279//545aa//98%//P23514

15 C-NT2RM2000837

C-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.7E-200//927bp//99%//AB015046

20 C-NT2RM2000952

25 C-NT2RM2000984

C-NT2RM2001004

30 C-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1).//8.2E-154//285aa//99%//Q60809

C-NT2RM2001065

35 C-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//2.4E-15//266aa//26%//P46577

40 C-NT2RM2001131

C-NT2RM2001141

45 C-NT2RM2001152

C-NT2RM2001177//Homo sapiens mRNA; cDNA DKFZp586G1822 (from clone DKFZp586G1822).//2.1E-293//1335bp//99%//AL080109

50 C-NT2RM2001194

C-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.3E-20//267aa//35%//P05143

55 C-NT2RM2001201//EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF5).//0.00000015//95aa//35%//P48724

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- 5 C-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (PCIP10)
./3.6E-10//177aa//32%//P97924
- C-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-
GLUTAMINE AMIDOHYDROLASE).//1.3E-180//328aa//99%//P13264
- 10 C-NT2RM2001243
- C-NT2RM2001247
- 15 C-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.6E-
166//312aa//98%//P53995
- C-NT2RM2001291
- 20 C-NT2RM2001306//Homo sapiens mRNA; cDNA DKFZp564I052 (from clone DKFZp564I052)
./0//1694bp//99%//AL080063
- 25 C-NT2RM2001312
- C-NT2RM2001319
- 30 C-NT2RM2001324//ZYGXIN.//6.8E-55//200aa//41%//Q04584
- C-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-
E1.//0.000000029//334aa//22%//000808
- 35 C-NT2RM2001370
- C-NT2RM2001393
- 40 C-NT2RM2001420
- C-NT2RM2001424//Homo sapiens mRNA; cDNA DKFZp586D0920 (from clone
DKFZp586D0920).//0//1621bp//100%//AL050146
- 45 C-NT2RM2001499//LOW-AFFINITY CATIONIC AMINO ACID TRANSPORTER-2 (CAT-2)
(CAT2).//7.4E-121//437aa//57%//P52569
- 50 C-NT2RM2001504
- C-NT2RM2001524
- 55 C-NT2RM2001544

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C-NT2RM2001547//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.9E-27//90aa//42%//P38660

5 C-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SSA)) (RO(SS-A)).//4.3E-61//312aa//44%//P19474

C-NT2RM2001582

10

C-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds.//0//1000bp//100%//AB014610

15 C-NT2RM2001896//CELL DIVISION PROTEIN FTSJ.//5.1E-26//204aa//34%//P28692

C-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds.//0//2390bp//99%//AB007931

20

C-NT2RM2001930

C-NT2RM2001935

25

C-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.7E-27//216aa//34%//P28320

30 C-NT2RM2001950//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION.//0.0000001//212aa//23%//P38250

C-NT2RM2001982

35

C-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77).//1.9E-39//253aa//35%//P37838

40 C-NT2RM2001997//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1).//1.3E-10//232aa//28%//Q12730

45 C-NT2RM2001998//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME I.//3.1E-12//206aa//30%//Q09782

C-NT2RM2002004//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//0.000000029//83aa//44%//P40796

50

C-NT2RM2002014//HYPOTHETICAL 81.4 KD PROTEIN IN GREB-FEOA INTERGENIC REGION.//1.1E-89//425aa//41%//P46837

55 C-NT2RM2002030//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//0//1959bp//99%//AB016789

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C-NT2RM2002049

5 C-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN
VPS13.//0.00000099//338aa//24%//Q07878

10 C-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X
(HNRNP X) (CBP).//5E-62//104aa//57%//Q61990

C-NT2RM2002091

15 C-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase,
partial.//0//1807bp//99%//AJ010840

20 C-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1)
mRNA, complete cds.//0//1868bp//99%//AF030435

C-NT2RM2002128//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-)
.//4.9E-13//487aa//26%//P49695

25 C-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.//8E-31//105aa//47%//P47805

30 C-NT2RM2002178//Homo sapiens mRNA; cDNA DKFZp434E0335 (from clone
DKFZp434E0335).//0//1683bp//99%//AL117402

C-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC
2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//7.1E-155//381aa//72%//P25167

35 C-NT2RM4000061

C-NT2RM4000104//ZINC FINGER PROTEIN 135.//1.5E-81//251aa//53%//P52742

40 C-NT2RM4000139//R.norvegicus trg mRNA.//2.3E-114//1161bp//72%//X68101

C-NT2RM4000169//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//4.8E-
13//686aa//23%//P25386

45 C-NT2RM4000191//PUTATIVE ATP-DEPENDENT RNA HELICASE PL10.//9.2E-
75//439aa//41%//P16381

50 C-NT2RM4000197

55 C-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete
cds.//0//1926bp//100%//AB018255

C-NT2RM4000229//Gallus gallus actin filament-associated protein (AFAP-110) mRNA,
complete cds.//1.1E-27//633bp//64%//L20303

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C-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete
 cds.//2.2E-276//1124bp//97%//M99438
 5
 C-NT2RM4000344//Homo sapiens mRNA for ATP-dependent metalloprotease
 YME1L.//0//2030bp//99%//AJ132637
 10
 C-NT2RM4000349//Homo sapiens HSPC028 mRNA, complete
 cds.//0//1827bp//99%//AF083246
 15
 C-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//1.5E-
 21//208aa//35%//Q24371
 C-NT2RM4000386//Mus musculus mRNA for Ten-m3, complete
 cds.//0//2156bp//86%//AB025412
 20
 C-NT2RM4000395
 C-NT2RM4000421//Homo sapiens mRNA for nuclear transport
 25 receptor.//0//1730bp//99%//AJ133769
 C-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME
 I.//8E-20//393aa//24%//Q10297
 30
 C-NT2RM4000471//Homo sapiens cysteine desulfurase (nifS) mRNA, complete
 cds.//0//2092bp//99%//AF097025
 35
 C-NT2RM4000486//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4
 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.8E-11//242aa//31%//P04280
 C-NT2RM4000496//SAP1 PROTEIN.//8.3E-53//434aa//29%//P39955
 40
 C-NT2RM4000511
 C-NT2RM4000515//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT
 45 PROTEIN) (NF-H) (FRAGMENT).//1.1E-11//394aa//24%//P16884
 C-NT2RM4000520
 50
 C-NT2RM4000585
 C-NT2RM4000595//Homo sapiens leucine-rich repeats containing F-box protein FBL3
 mRNA, complete cds.//1.1E-285//1293bp//99%//AF186273
 55
 C-NT2RP1000018//Homo sapiens mRNA for KIAA0687 protein, partial
 cds.//0//1940bp//95%//AB014587

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5 C-NT2RP1000035//Homo sapiens mRNA for KIAA0850 protein, complete
 cds.//0//1652bp//99%//AB020657
 C-NT2RP1000040
 C-NT2RP1000063
 10 C-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//0//1162bp//99%//X98834
 C-NT2RP1000101
 15 C-NT2RP1000111//COP1 REGULATORY PROTEIN.//4E-116//296aa//51%//P93471
 C-NT2RP1000112
 20 C-NT2RP1000124
 C-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//4.5E-
 25 50//181aa//60%//P51859
 C-NT2RP1000163//Homo sapiens mRNA for KIAA0948 protein, complete
 cds.//0//1889bp//98%//AB023165
 30 C-NT2RP1000170
 C-NT2RP1000191
 35 C-NT2RP1000202//ANKYRIN.//1E-25//302aa//34%//Q02357
 C-NT2RP1000243
 40 C-NT2RP1000259
 C-NT2RP1000272//Homo sapiens TLS-associated protein TASR-2 mRNA, complete
 45 cds.//5.8E-114//616bp//93%//AF067730
 C-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding
 mitochondrial protein, complete cds.//1.3E-275//1249bp//99%//AF053551
 50 C-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//8.7E-47//155aa//58%//P32447
 C-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.7E-
 55 15//162aa//30%//P25343
 C-NT2RP1000357

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5 C-NT2RP1000376//Homo sapiens mRNA; cDNA DKFZp434A102 (from clone DKFZp434A102).//0//2265bp//95%//AL080187

10 C-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds.//0//1056bp//99%//AB011159

15 C-NT2RP1000416

C-NT2RP1000439//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//1.8E-94//1019bp//63%//AF111423

20 C-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETA- CRYSTALLIN).//2.4E-10//227aa//25%//Q08257

C-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//2.6E-94//254aa//47%//P34580

25 C-NT2RP1000478//TUBULIN BETA-5 CHAIN (CLASS-V).//4.5E-240//445aa//97%//P09653

C-NT2RP1000481

30 C-NT2RP1000493//Homo sapiens mRNA for KIAA0017 protein, complete cds.//0//2728bp//99%//D87686

C-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.1E-27//193aa//35%//P49020

35 C-NT2RP1000574//HOMEBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//3.5E-75//151aa//94%//P97367

40 C-NT2RP1000581

C-NT2RP1000630//NECDIN.//2.4E-44//227aa//41%//P25233

45 C-NT2RP1000688

C-NT2RP1000695

50 C-NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.//0//2057bp//99%//E14379

55 C-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds.//0//2186bp//99%//AF101434

C-NT2RP1000782//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27)

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(MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//232aa//30%//O35566

5 C-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL
GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP)
//8.2E-83//334aa//50%//Q07960

10 C-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete
cds.//0//1494bp//99%//AF067223

C-NT2RP1000846

15 C-NT2RP1000851

C-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27)
20 (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//232aa//30%//O35566

C-NT2RP1000915//AUTOANTIGEN NGP-1.//1.7E-19//343aa//25%//Q13823

25 C-NT2RP1000947//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA,
complete cds.//4.6E-105//504bp//99%//U39317

C-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//1.4E-
30 23//370aa//28%//Q04652

C-NT2RP1000958//AUTOANTIGEN NGP-1.//1.4E-19//343aa//25%//Q13823

35 C-NT2RP1000959//Human acidic ribosomal phosphoprotein P0 mRNA, complete cds.//2.5E-
236//966bp//99%//M17885

C-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//8.9E-299//554aa//99%//P19338

40 C-NT2RP1000980

C-NT2RP1000988

45 C-NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete
cds.//2.2E-78//1529bp//61%//L01790

50 C-NT2RP1001014

C-NT2RP1001395

55 C-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//8.9E-
141//396aa//67%//P91917

C-NT2RP1001424

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C-NT2RP1001449

5 C-NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative)
./1.2E-137//629bp//100%//AJ005257

C-NT2RP1001466

10

C-NT2RP1001475

C-NT2RP1001482

15

C-NT2RP1001494//MALE STERILITY PROTEIN 2./7.2E-40//261aa//27%//Q08891

20 C-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS)./1.6E-
166//506aa//60%//P42803

C-NT2RP1001546//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27)
(MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN)./1.6E-30//232aa//30%//035566

25

C-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-
BETA)./5.8E-121//271aa//89%//P47758

30

C-NT2RP1001616

C-NT2RP1001665//CALMODULIN./0.00000051//83aa//30%//P02594

35 C-NT2RP2000006//DNAJ PROTEIN (40 KD HEAT SHOCK CHAPERONE PROTEIN) (HSP40)
./9.8E-17//79aa//55%//O34136

C-NT2RP2000007

40

C-NT2RP2000008//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)./2.4E-
177//726aa//47%//P51523

45 C-NT2RP2000032//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP1)
./1.8E-22//184aa//34%//Q01730

50 C-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1)
mRNA, complete cds./0//1390bp//98%//AF061749

C-NT2RP2000054

55 C-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC
3.1.3.48) (R-PTP- EPSILON)./9.4E-16//45aa//100%//P49446

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C-NT2RP2000067

5 C-NT2RP2000070//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT
PROTEIN).//3.4E-51//383aa//32%/P33450

C-NT2RP2000079

10 C-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial
cds.//0//2286bp//100%/AB018338

C-NT2RP2000091

15 C-NT2RP2000097

C-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete
20 cds.//0//2244bp//99%/AB018356

C-NT2RP2000120

25 C-NT2RP2000126//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//2.5E-
117//541aa//42%/P41877

C-NT2RP2000133//Homo sapiens mRNA for KIAA0989 protein, partial
30 cds.//0//2286bp//99%/AB023206

C-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT
35 ASSOCIATED PROTEIN AP47) (GOLGI ADAPTOR AP-1-47 KD PROTEIN) (HA1 47 KD
SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN ASSEMBLY PROTEIN COMPLEX 1 MEDIUM
CHAIN).//4.4E-226//423aa//99%/P35585

C-NT2RP2000153//GAR2 PROTEIN.//9.8E-23//311aa//28%/P41891

40 C-NT2RP2000157//MLO2 PROTEIN.//2.6E-11//62aa//40%/Q09329

C-NT2RP2000161//Homo sapiens mRNA for KIAA1008 protein, complete cds.//3.4E-
45 315//1430bp//99%/AB023225

C-NT2RP2000173

50 C-NT2RP2000175

C-NT2RP2000195

55 C-NT2RP2000205

C-NT2RP2000208//Homo sapiens mRNA for KIAA0892 protein, partial

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cds.//0//2898bp//99%//AB020699

- 5 C-NT2RP2000224//INSULIN RECEPTOR SUBSTRATE-1 (IRS1)
./0.000043//103aa//28%//P35568
- C-NT2RP2000232
- 10 C-NT2RP2000233
- C-NT2RP2000239
- 15 C-NT2RP2000248//UDP-N-ACETYLGLUCOSAMINE--PEPTIDE N-
ACETYLGLUCOSAMINYLTRANSFERASE 110 KD SUBUNIT (EC 2.4.1.-) (O-GLCNAC
TRANSFERASE P110 SUBUNIT).//3.4E-21//210aa//33%//P56558
- 20 C-NT2RP2000270
- C-NT2RP2000274
- 25 C-NT2RP2000283
- C-NT2RP2000288//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME
I.//1.6E-27//576aa//25%//Q10297
- 30 C-NT2RP2000297//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.3E-
186//256aa//60%//Q99676
- 35 C-NT2RP2000298
- C-NT2RP2000310//Human proline-dehydrogenase/proline oxidase (PRODH) mRNA,
complete cds.//4.3E-279//1193bp//99%//U82381
- 40 C-NT2RP2000328
- 45 C-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10)
(AK3).//2E-111//226aa//92%//P08760
- C-NT2RP2000346//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN
MYD116.//6.3E-115//674aa//46%//P17564
- 50 C-NT2RP2000369
- C-NT2RP2000412
- 55 C-NT2RP2000414//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN F (HNRNP F)
./4.3E-228//415aa//100%//P52597

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C-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
 complete cds.//0//1757bp//99%//AF102265
 5 C-NT2RP2000438
 C-NT2RP2000448//KES1 PROTEIN.//8.7E-54//392aa//38%//P35844
 10 C-NT2RP2000503
 C-NT2RP2000510
 15 C-NT2RP2000516
 C-NT2RP2000603
 20 C-NT2RP2000617
 C-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial
 25 cds.//0//2482bp//99%//AB014514
 C-NT2RP2000656
 30 C-NT2RP2000658
 C-NT2RP2000668//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//1.3E-
 35 27//349aa//32%//Q01577
 C-NT2RP2000704
 C-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA
 40 LIGASE)//2.7E-100//488aa//44%//O32038
 C-NT2RP2000764//NIFS PROTEIN.//6.6E-36//252aa//42%//P12623
 45 C-NT2RP2000809//Homo sapiens mRNA for KIAA0873 protein, partial
 cds.//0//3347bp//99%//AB020680
 C-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A)
 50 .//0.000000056//179aa//29%//Q99104
 C-NT2RP2000814//GELATION FACTOR (ACTIN BINDING PROTEIN 120) (ABP-120)
 55 .//0.00000011//96aa//29%//P13466
 C-NT2RP2000816//MAGNESIUM-CHELATASE 30 KD
 SUBUNIT.//0.000000079//172aa//28%//P26174

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C-NT2RP2000819

5 C-NT2RP2000841

C-NT2RP2000845

10 C-NT2RP2000863

C-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-
2.//0//694aa//99%//060841

15 C-NT2RP2000892

C-NT2RP2000931//MATRIN 3.//2.4E-289//467aa//95%//P43244

20 C-NT2RP2000932//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone
DKFZp5640043).//0//2487bp//99%//AL050390

25 C-NT2RP2000938

C-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete
cds.//0//3458bp//99%//AB018298

30 C-NT2RP2000965//Homo sapiens mRNA for fls353, complete
cds.//0//1989bp//96%//AB024704

35 C-NT2RP2000985

C-NT2RP2001036

40 C-NT2RP2001044

C-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0488.//0//2749bp//99%//AB007957

45 C-NT2RP2001065

C-NT2RP2001070//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5)
(PNP/PMP OXIDASE).//5.8E-46//222aa//45%//Q20939

50 C-NT2RP2001081//SYNAPTOTAGMIN IV.//4.2E-118//430aa//54%//P50232

55 C-NT2RP2001094

C-NT2RP2001119

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C-NT2RP2001127//Homo sapiens mRNA for PLU-1 protein.//0//2514bp//99%//AJ132440

5 C-NT2RP2001218

C-NT2RP2001245//MYOSIN HEAVY CHAIN, NONMUSCLE (CELLULAR MYOSIN HEAVY CHAIN) (NMMHC).//2.2E-10//366aa//28%//P14105

10 C-NT2RP2001381

C-NT2RP2001397//Homo sapiens mRNA; cDNA DKFZp434B174 (from clone DKFZp434B174).//0//1495bp//100%//AL080146

15 C-NT2RP2001427

C-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds.//0//1748bp//99%//AB018340

20 C-NT2RP2001675

25 C-NT2RP2001721

C-NT2RP2001907

30 C-NT2RP2001969

C-NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.//4.7E-177//1538bp//74%//AF062378

35 C-NT2RP2002046

40 C-NT2RP2002154

C-NT2RP2002208

45 C-NT2RP2002270//AF-9 PROTEIN.//0.00000012//74aa//36%//P42568

C-NT2RP2002312//Homo sapiens mRNA for CDS2 protein.//0//2333bp//99%//Y16521

50 C-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//8.4E-254//1158bp//99%//AB015594

C-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//4.3E-240//1105bp//99%//AF038958

55 C-NT2RP2002426

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- 5 C-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//0//2180bp//99%//AB005289
- C-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//6.2E-19//288aa//26%//Q11073
- 10 C-NT2RP2002595//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257) .//7.5E-35//181aa//42%//P12815
- 15 C-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 2 (EC 2.1.1.-)//1.7E-51//326aa//38%//P55345
- C-NT2RP2002621
- 20 C-NT2RP2002672
- C-NT2RP2002701//HYPOTHETICAL 38.1 KD PROTEIN C2F12.15C IN CHROMOSOME II.//1.9E-14//210aa//30%//O14345
- 25 C-NT2RP2002769
- 30 C-NT2RP2002862//60S ACIDIC RIBOSOMAL PROTEIN P0 (LIGHT-INDUCED 34 KD PROTEIN).//8.8E-10//203aa//27%//P29764
- 35 C-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds.//1.9E-136//623bp//100%//AF038392
- C-NT2RP2002954
- 40 C-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//4.6E-80//147aa//100%//P51669
- 45 C-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//0.00000001//98aa//36%//P10129
- C-NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.//0//2209bp//99%//AB026190
- 50 C-NT2RP2003108
- C-NT2RP2003117
- 55 C-NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete eds.//2.3E-82//642bp//68%//AF079765

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C-NT2RP2003125//RING CANAL PROTEIN (KELCH PROTEIN).//2.4E-38//539aa//25%//004652

5 C-NT2RP2003177

C-NT2RP2003194

10 C-NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.//0//1580bp//99%//AF151811

15 C-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//0//1526bp//99%//AB006572

20 C-NT2RP2003329//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//3.6E-14//332aa//32%//P26337

C-NT2RP2003367

25 C-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//5E-131//269aa//91%//P38378

C-NT2RP2003446

30 C-NT2RP2003533

35 C-NT2RP2003543//HYPOTHETICAL TRNA/RRNA METHYLTRANSFERASE SLR1673 (EC 2.1.1.-).//1.7E-17//148aa//34%//P74261

C-NT2RP2003596

40 C-NT2RP2003629

C-NT2RP2003687

45 C-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//5.4E-29//85aa//72%//Q05481

50 C-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//1.7E-75//147aa//93%//P51669

C-NT2RP2003793

55 C-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//1.5E-23//200aa//30%//O09175

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C-NT2RP2003986

5 C-NT2RP2004042

C-NT2RP2004316//Homo sapiens chromosome 1 clone J549L20, WORKING DRAFT SEQUENCE, in unordered pieces.//8.2E-202//926bp//100%//AL096820

10 C-NT2RP2004389//PROBABLE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S9 PRECURSOR.//9.3E-15//126aa//39%//P38120

15 C-NT2RP2004392//MNN4 PROTEIN.//1.4E-11//143aa//27%//P36044

C-NT2RP2004463

20 C-NT2RP2004602

C-NT2RP2004614//Homo sapiens mRNA for KIAA0922 protein, partial cds.//0//2040bp//99%//AB023139

25 C-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//8.5E-233//1061bp//99%//AJ006291

30 C-NT2RP2004689//HYPOTHETICAL 192.5 KD PROTEIN C6G9.10C IN CHROMOSOME I.//5.6E-64//616aa//33%//Q92355

35 C-NT2RP2004791//PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4) (LEUCINE-- TRNA LIGASE) (LEURS).//9.5E-73//153aa//59%//Q10490

C-NT2RP2004799//PROBABLE SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA).//3.7E-135//414aa//62%//P53588

40 C-NT2RP2004802

45 C-NT2RP2004841

C-NT2RP2004936

50 C-NT2RP2004959//P54 PROTEIN PRECURSOR.//0.00000095//297aa//20%//P13692

C-NT2RP2004999

55 C-NT2RP2005000

C-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete

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cds.//0//1694bp//99%//AB014515

5 C-NT2RP2005012//Homo sapiens mRNA for SEC63 protein.//0//1693bp//99%//AJ011779

C-NT2RP2005037//ANTI-SILENCING PROTEIN 1.//3.3E-47//155aa//59%//P32447

10 C-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)
//0//2388bp//98%//X98743

C-NT2RP2005140

15 C-NT2RP2005147

C-NT2RP2005159

20 C-NT2RP2005239//Homo sapiens cysteine desulfurase (nifS) mRNA, complete
cds.//0//2087bp//99%//AF097025

C-NT2RP2005270

25 C-NT2RP2005276//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete
cds.//0//2122bp//99%//D89053

30 C-NT2RP2005293

C-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial
cds.//0//1515bp//99%//AB014576

35 C-NT2RP2005358//Homo sapiens methyl-CpG binding domain-containing protein MBD3
(MBD3) mRNA, complete cds.//0//2199bp//99%//AF072247

40 C-NT2RP2005393//AUTOANTIGEN NGP-1.//7.2E-39//224aa//35%//Q13823

C-NT2RP2005436//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING
FACTOR SRP75).//1.2E-13//185aa//38%//Q08170

45 C-NT2RP2005441

C-NT2RP2005453

50 C-NT2RP2005464

55 C-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//3E-
44//252aa//41%//P38127

C-NT2RP2005472

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C-NT2RP2005495

5 C-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PROTEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//5.2E-81//166aa//88%//P36876

10 C-NT2RP2005509//Homo sapiens CGI-45 protein mRNA, complete cds.//0//1825bp//99%//AF151803

15 C-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//3994bp//99%//AF092563

20 C-NT2RP2005525//Mus musculus kanadaplin mRNA, complete cds.//2.4E-304//1687bp//85%//AF035526

C-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//0//2856bp//99%//AB007963

25 C-NT2RP2005549//PUTATIVE LACTOYLGLUTATHIONE LYASE (EC 4.4.1.5) (METHYLGLYOXALASE) (ALDOKETOMUTASE) (GLYOXALASE I) (GLX I) (KETONE-ALDEHYDE MUTASE) (S-D-LACTOYLGLUTATHIONE METHYLGLYOXAL LYASE).//2E-20//181aa//36%//Q39366

30 C-NT2RP2005555

35 C-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA, complete cds.//1E-46//576bp//70%//AF062529

C-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//8.9e-313//1455bp//98%//AF062085

40 C-NT2RP2005622

45 C-NT2RP2005635//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1) .//1E-11//128aa//36%//P47623

C-NT2RP2005637

50 C-NT2RP2005640

C-NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).//1.2E-13//74aa//45%//P56101

55 C-NT2RP2005669//Homo sapiens mRNA for DEDD protein.//3.9E-209//957bp//99%//AJ010973

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5 C-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete
cds.//4.4E-200//908bp//99%//AF089814

C-NT2RP2005683

C-NT2RP2005690

10 C-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial
cds.//0//1684bp//99%//AB018342

15 C-NT2RP2005723//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1
PROTEIN).//0.000000003//169aa//28%//P38074

C-NT2RP2005748

20 C-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete
cds.//0//1968bp//99%//AF068868

25 C-NT2RP2005753//Homo sapiens l-1 receptor candidate protein mRNA, complete
cds.//0//1966bp//99%//AF082516

30 C-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A (EIF-4A).//1.7E-
61//374aa//38%//P47943

C-NT2RP2005767//G.gallus PB1 gene.//5E-163//1158bp//81%//X90849

35 C-NT2RP2005773//Homo sapiens pyrroline 5-carboxylate reductase isoform (P5CR2)
mRNA, complete cds.//2.7E-180//656bp//99%//AF151351

40 C-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN
ENDOPEPTIDASE) (MITOCHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL
ENDOPEPTIDASE) (MEP) (SOLUBLE ANGIOTENSIN-BINDING PROTEIN) (SABP).//2.1E-
213//249aa//85%//Q02038

45 C-NT2RP2005781

C-NT2RP2005804

50 C-NT2RP2005835//SHP1 PROTEIN.//1.8E-28//208aa//32%//P34223

C-NT2RP2005853

55 C-NT2RP2005868

C-NT2RP2005886

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C-NT2RP2005890

5 C-NT2RP2005901//Homo sapiens mRNA for KIAA0971 protein, complete
cds.//0//1977bp//99%//AB023188

10 C-NT2RP2005933//NUCLEOPORIN NUP57 (NUCLEAR PORE PROTEIN NUP57).//5E-
11//155aa//34%//P48837

C-NT2RP2006038

15 C-NT2RP2006043//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING
FACTOR SRP75).//1.5E-13//185aa//38%//Q08170

C-NT2RP2006052

20

C-NT2RP2006069

C-NT2RP2006071

25

C-NT2RP2006100//Homo sapiens mRNA; cDNA DKFZp564B102 (from clone
DKFZp564B102).//0//1759bp//99%//AL049970

30

C-NT2RP2006106

C-NT2RP2006141

35 C-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds.//3.3E-
189//899bp//97%//AB014554

C-NT2RP2006196

40

C-NT2RP2006200

C-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.1E-214//1026bp//97%//X96484

45

C-NT2RP2006237

C-NT2RP2006238

50

C-NT2RP2006275//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN
LC1].//2E-59//388aa//32%//P46821

55

C-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.8E-
274//1236bp//99%//AF035262

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C-NT2RP2006333

C-NT2RP2006365

5 C-NT2RP2006393

C-NT2RP2006436//ANTERIOR-RESTRICTED HOMEBOX PROTEIN (RATHKE POUCH
10 HOMEO BOX).//0.00000034//50aa//50%//Q61658

C-NT2RP2006456

15 C-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//0//2181bp//99%//AJ006266

C-NT2RP2006467

20 C-NT2RP2006472

C-NT2RP2006565//Sus scrofa mRNA for SCAMPI protein.//0//1276bp//84%//Y15710

25 C-NT2RP2006571//CYTOCHROME P450 2G1 (EC 1.14.14.1) (CYPIIG1) (P450-NMB)
(OLFACTIVE).//4.2E-134//486aa//50%//P24461

C-NT2RP2006573//2',3'-CYCLIC NUCLEOTIDE 3'-PHOSPHODIESTERASE (EC 3.1.4.37)
30 (CNP).//0.0000055//169aa//25%//P09543

C-NT2RP3000031//Homo sapiens mRNA for KIAA0901 protein, complete
35 cds.//0//2547bp//99%//AB020708

C-NT2RP3000072

C-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial
40 cds.//0//1404bp//97%//AB011164

C-NT2RP3000220

45 C-NT2RP3000251

C-NT2RP3000252//Homo sapiens GTP-binding protein NGB mRNA, complete
50 cds.//0//2388bp//99%//AF120334

C-NT2RP3000312

C-NT2RP3000320//Homo sapiens partial mRNA for putative p621 protein which interacts
55 with transcription factor Sp1.//0//1544bp//100%//AJ242978

C-NT2RP3000333

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C-NT2RP3000348

5 C-NT2RP3000350//PROBABLE GTP-BINDING PROTEIN
HP0303.//0.000000028//185aa//31%//O25074

10 C-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10)
(AK3).//2E-111//226aa//92%//P08760

15 C-NT2RP3000361//Homo sapiens mRNA, complete cds, similar to yeast pre-mRNA splicing
factors, Prp1/Zer1 and Prp6.//0//2072bp//98%//AB019219

C-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.1E-107//206aa//99%//P35293

20 C-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX
PROTEIN 13)//1.7E-139//679aa//41%//O43143

25 C-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete
cds.//0//2364bp//99%//AF071185

C-NT2RP3000484

30 C-NT2RP3000527//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//4.8E-
28//536aa//27%//P28160

35 C-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//1.9E-
12//192aa//30%//P15151

C-NT2RP3000596//TRICHOHYALIN.//2.5E-17//304aa//28%//Q07283

40 C-NT2RP3000599

C-NT2RP3000632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3E-
140//499aa//46%//P51523

45 C-NT2RP3000644

C-NT2RP3000661

50 C-NT2RP3000665

C-NT2RP3000690

55 C-NT2RP3000759//ADP-RIBOSYLATION FACTOR.//7E-28//176aa//34%//Q94650

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C-NT2RP3000825//NEUROGENIC LOCUS NOTCH 3 PROTEIN.//2.5E-36//417aa//31%//Q61982

5 C-NT2RP3000836

C-NT2RP3000841

10 C-NT2RP3000850

C-NT2RP3000852

15 C-NT2RP3000859

C-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//6.9E-69//1611bp//61%//U53445

20 C-NT2RP3000869

C-NT2RP3000901

25 C-NT2RP3000917//Homo sapiens Dhml-like protein mRNA, complete cds.//0//3199bp//99%//AF064257

30 C-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//2.7E-185//585bp//88%//AF015264

C-NT2RP3000980

35 C-NT2RP3000994//MATERNAL EFFECT PROTEIN

STAUFEN.//0.00000006//78aa//48%//P25159

40 C-NT2RP3001004

C-NT2RP3001081

45 C-NT2RP3001084

C-NT2RP3001096//Rattus norvegicus leprecan (lepre1) mRNA, complete cds.//1.7E-94//787bp//66%//AF087433

50 C-NT2RP3001107//PEREGRIN (BR140 PROTEIN).//3E-44//260aa//40%//P55201

55 C-NT2RP3001109

C-NT2RP3001116

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C-NT2RP3001119

5 C-NT2RP3001133

C-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial
cgs.//0//2802bp//99%//AB018305

10 C-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//0//2732bp//99%//AJ006266

C-NT2RP3001176//HYPOTHETICAL 65.3 KD PROTEIN IN MAD1-SCY1 INTERGENIC
15 REGION.//1.7E-10//196aa//27%//P53154

C-NT2RP3001214

20 C-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT)
./0.0000023//137aa//33%//P35663

C-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC
25 1.14.11.1) (GAMMA-BUTYROBETAINE HYDROXYLASE).//1.9E-31//353aa//30%//P80193

C-NT2RP3001236

30 C-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B (MAP1.2) (MAP1(X))
[CONTAINS: LIGHT CHAIN LC1].//1.2E-166//395aa//51%//P14873

C-NT2RP3001260//Homo sapiens mRNA for KIAA0911 protein, complete
35 cgs.//0//2497bp//99%//AB020718

C-NT2RP3001307

40 C-NT2RP3001325

C-NT2RP3001384//Homo sapiens NAKAP95 mRNA for neighbor of A-kinase anchoring
45 protein 95, complete cds.//0//1213bp//99%//AB025905

C-NT2RP3001392

C-NT2RP3001396

50 C-NT2RP3001398//TRANSCRIPTIONAL REPRESSOR CTCF.//1.3E-61//374aa//36%//P49711

C-NT2RP3001407//SCY1 PROTEIN.//0.00000033//143aa//25%//P53009

55 C-NT2RP3001420

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C-NT2RP3001426//DNAJ PROTEIN (FRAGMENT).//1E-16//77aa//46%//O33529

5 C-NT2RP3001427//WERNER SYNDROME HELICASE HOMOLOG.//2.7E-10//159aa//33%//O09053

C-NT2RP3001457

10 C-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A.//9.1E-13//87aa//43%//P11632

15 C-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//0//1475bp//99%//U13395

20 C-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//0//2295bp//99%//AF064801

C-NT2RP3001529//SPO0B-ASSOCIATED GTP-BINDING PROTEIN.//1E-61//345aa//42%//P20964

25 C-NT2RP3001621

C-NT2RP3001629

30 C-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210.//6.8E-18//91aa//38%//Q92609

C-NT2RP3001646//WD-40 REPEAT PROTEIN MSI2.//8.8E-09//132aa//31%//O22468

35 C-NT2RP3001676

C-NT2RP3001679

40 C-NT2RP3001799//MYOSIN HEAVY CHAIN, STRIATED MUSCLE.//1.6E-11//348aa//27%//P24733

45 C-NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN).//7.4E-18//249aa//30%//Q04652

C-NT2RP3001896

50 C-NT2RP3001915

C-NT2RP3001929

55 C-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.3E-98//269aa//62%//P52742

C-NT2RP3004466

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5 C-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//3.3E-113//466aa//42%//P34110

C-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds.//0//1520bp//99%//AB014532

10 C-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds.//0//974bp//95%//AB011126

15 C-NT2RP3004569//ANKYRIN, BRAIN VARIANT 1 (ANKYRIN B) (ANKYRIN, NONERYTHROID).//0.000000038//150aa//28%//Q01484

C-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds.//0//1770bp//99%//AF026445

20 C-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds.//0//1639bp//99%//AB007946

25 C-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//0//1807bp//99%//AJ006266

C-NT2RP3004617//ZINC-BINDING PROTEIN A33.//7.2E-75//464aa//35%//Q02084

30 C-NT2RP3004618//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//3972bp//98%//AF093097

35 C-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.7E-72//254aa//45%//P54352

C-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//2.6E-98//239aa//64%//P35526

40 C-NT2RP4000051//SYNAPTONEMAL COMPLEX-PROTEIN SC65.//4.9E-51//335aa//37%//Q64375

45 C-NT2RP4000078//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//3013bp//99%//AB020657

C-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//0//2161bp//99%//AB011538

50 C-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//728aa//99%//Q10568

55 C-NT2RP4000129

C-NT2RP4000147//Drosophila melanogaster putative ARF1 GTPase activating protein

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(ARF1-GAP) mRNA, complete cds.//3.8E-28//528bp//67%//AF011427

C-NT2RP4000150

C-NT2RP4000151

C-NT2RP4000159

C-NT2RP4000185

C-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial
cds.//0//4149bp//99%//AB014600

C-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA)//5.9E-
15//104aa//40%//P15287

C-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)
.//0//1932bp//99%//AJ006470

C-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1)//2.7E-
84//208aa//76%//Q03173

C-NT2RP4000259//GLUTATHIONE PEROXIDASE 2 (EC 1.11.1.9)//5.5E-
29//153aa//43%//O23968

C-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME
I.//3.5E-297//1024aa//55%//P87115

C-NT2RP4000312//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE)
(ADENYLYL CYCLASE).//1.5E-26//237aa//28%//Q01631

C-NT2RP4000323//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)
.//0.0000003//101aa//32%//P26372

C-NT2RP4000355

C-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete
cds.//0//4074bp//99%//AB018281

C-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP)
mRNA, complete cds.//0//4782bp//99%//AF044195

C-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR
(MRF-1).//2.6E-77//262aa//54%//O75570

C-NT2RP4000376//Homo sapiens mRNA for phospholipase A2 activating

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protein.//0//2412bp//99%//AJ238243

C-NT2RP4000381

5

C-NT2RP4000398//ZINC FINGER PROTEIN 140.//2.9E-110//435aa//50%//P52738

C-NT2RP4000415

10

C-NT2RP4000417//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113)(MAN(9)-ALPHA-MANNOSIDASE) (FRAGMENT).//2.6E-51//438aa//33%//P45701

15

C-NT2RP4000448//Homo sapiens mRNA; cDNA DKFZp566G0746 (from clone DKFZp566G0746).//0//3991bp//99%//AL050078

C-NT2RP4000449

20

C-NT2RP4000455//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//0.0000003//175aa//27%//P09309

25

C-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 15) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 15) (DEUBIQUITINATING ENZYME 15).//2.5E-37//291aa//38%//P50101

30

C-NT2RP4000480

C-NT2RP4000481//ATP-DEPENDENT RNA HELICASE DOB1 (MRNA TRANSPORT REGULATOR MTR4).//1.9E-67//721aa//29%//Q09475

35

C-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//8.8E-50//214aa//50%//P40484

C-NT2RP4000500

40

C-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.5E-106//495aa//45%//P45818

45

C-NT2RP4000524

C-NT2RP4000541

50

C-NT2RP4000556//SUR4 PROTEIN (SRE1 PROTEIN).//7.4E-14//233aa//31%//P40319

C-NT2RP4000560

55

C-NT2RP4000588

C-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete

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cds.//2.9E-188//863bp//99%//AF067730

C-NT2RP4000638

5

C-NT2RP4000648//TRANS-ACTING TRANSCRIPTIONAL PROTEIN
ICP0.//0.00000037//175aa//27%//P09309

10

C-NT2RP4000657//SPORE COAT POLYSACCHARIDE BIOSYNTHESIS PROTEIN
SPSE.//1.1E-32//350aa//30%//P39625

C-NT2RP4000704

15

C-NT2RP4000713//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//1.1E-13//295aa//27%//Q11073

20

C-NT2RP4000724//RETROVIRUS-RELATED ENV POLYPROTEIN.//3.2E-191//199aa//78%//P10267

25

C-NT2RP4000728//Homo sapiens mRNA for KIAA0931 protein, partial
cds.//0//3392bp//95%//AB023148

C-NT2RP4000737

30

C-NT2RP4000739//Homo sapiens mRNA for KIAA1012 protein, complete
cds.//0//3574bp//99%//AB023229

35

C-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC
REGION.//0.000000032//67aa//31%//P53915

40

C-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete
cds.//0//1927bp//99%//AB007939

C-NT2RP4000833

45

C-NT2RP4000837//Homo sapiens mRNA for zinc finger protein SALL1.//4.3E-94//810bp//65%//Y18265

C-NT2RP4000839//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.5E-21//271
aa//28%//Q00808

50

C-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE)
(ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV)(AP-B).//5.7E-82//324aa//48%//O09175

55

C-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//4.1E-85//174aa//55%//P16415

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- C-NT2RP4000878//MYELOID UPREGULATED PROTEIN.//6.2E-91//173aa//87%//O35682
- 5 C-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME E1 (A1S9 PROTEIN).//9.6E-96//513aa//42%//P22314
- 10 C-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN).//2.6E-26//227aa//36%//Q06828
- 15 C-NT2RP4000927//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//1.5E-76//346aa//43%//Q61068
- C-NT2RP4000928//Homo sapiens mRNA for CDS2 protein.//0//2487bp//99%//Y16521
- 20 C-NT2RP4000929//PUTATIVE ATP-DEPENDENT RNA HELICASE MJ1505.//0.00000014//185aa//25%//Q58900
- 25 C-NT2RP4000955
- C-NT2RP4000973//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//1.4E-26//90aa//42%//P38660
- 30 C-NT2RP4000975
- C-NT2RP4000979
- 35 C-NT2RP4000984
- C-NT2RP4000989//UNC-47 PROTEIN.//0.0000082//173aa//25%//P34579
- 40 C-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//838aa//87%//P70700
- 45 C-NT2RP4001004//VACUOLAR PROTEIN 8.//3.7E-16//401aa//26%//P39968
- C-NT2RP4001006
- 50 C-NT2RP4001010//Homo sapiens mRNA for KIAA0964 protein, complete cds.//0//2482bp//99%//AB023181
- 55 C-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE).//1.5E-92//443aa//44%//Q09996
- C-NT2RP4001057

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C-NT2RP4001064//SYNAPTONEMAL COMPLEX PROTEIN SC65.//6.7E-51//335aa//37%//Q64375

5 C-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA2⁺-ATPASE).//1.3E-123//563aa//46%//P13586

10 C-NT2RP4001080//Homo sapiens mRNA for Rodi, complete cds.//0//1439bp//99%//AB023967

C-NT2RP4001086

15 C-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1).//2.6E-17//121aa//36%//P51400

20 C-NT2RP4001100

C-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.9E-115//224aa//100%//P38378

25 C-NT2RP4001122//TIPD PROTEIN.//1.4E-65//253aa//41%//O15736

C-NT2RP4001126//TRICHOHYALIN.//2.9E-18//380aa//26%//Q07283

30 C-NT2RP4001138

C-NT2RP4001143//SUCCINYL-DIAMINOPIMELATE DESUCCINYLAASE (EC 3.5.1.18) (SDAP).//0.00000021//93aa//33%//P44514

35 C-NT2RP4001148//SOF1 PROTEIN.//1.3E-104//236aa//52%//P33750

40 C-NT2RP4001149

C-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//3.4E-29//385aa//29%//P35331

45 C-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//4.7E-29//227aa//35%//P52178

50 C-NT2RP4001206//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//4.4E-104//1460bp//65 %//U95760

C-NT2RP4001207

55 C-NT2RP4001210

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C-NT2RP4001219//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1)//6.2E-27//90aa//42%//P38660

5 C-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN)//1.8E-103//508aa//43%//Q04652

10 C-NT2RP4001235

C-NT2RP4001256

15 C-NT2RP4001260//Homo sapiens mRNA for KIAA0875 protein, partial cds.//0//2876bp//99%//AB020682

20 C-NT2RP4001274//Human transporter protein (g17) mRNA, complete cds.//4.4E-58//1196bp//61%//U49082

C-NT2RP4001276//TRICHOHYALIN.//7.9E-09//126aa//32-%//Q07283

25 C-NT2RP4001313//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT)//5.9E-17//296aa//29%//P24391

30 C-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5.//8.5E-213//1129bp//92%//AJ001119

35 C-NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein.//9.2E-160//736bp//99%//AJ007014

C-NT2RP4001343

40 C-NT2RP4001345//Homo sapiens mRNA for LCAT-like lysophospholipase (LLPL), complete cds.//2.7e-310//1400bp//100%//AB017494

45 C-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//1.4E-58//2425bp//59%//U53445

C-NT2RP4001353

50 C-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN).//1.6E-19//222aa//30%//Q08180

C-NT2RP4001373

55 C-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PROTEIN KINASE 1).//9.2E-17//146aa//35%//P18160

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C-NT2RP4001379//HYPOTHETICAL 49.1 KD PROTEIN C11D3.06 IN CHROMOSOME I.//2E-53//436aa//30%//Q10085

5 C-NT2RP4001407//Homo sapiens mRNA for KIAA0923 protein, complete cds.//0//2716bp//99%//AB023140

10 C-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT).//7.7E-190//422aa//82%//Q14141

C-NT2RP4001433//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.2E-138//419aa//54%//Q99676

15 C-NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//2.7E-66//738bp//71%//AF129131

20 C-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE E1 COMPONENT PRECURSOR (EC 1.2.4.2) (ALPHA-KETOGLUTARATE DEHYDROGENASE).//0//962aa//78%//Q02218

C-NT2RP4001498//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//1E-27//374aa//29%//P39010

25 C-NT2RP4001502

C-NT2RP4001507

30 C-NT2RP4001524

35 C-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION.//5.7E-54//242aa//3 8%//P25656

40 C-NT2RP4001551//Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit mRNA, complete cds.//0//3202bp//99%//AF152961

C-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.--).//4.7E-09//216aa//24%//P96902

45 C-NT2RP4001567//ARMADILLO SEGMENT POLARITY PROTEIN.//0.00000054//213aa//26,%//Q02453

50 C-NT2RP4001568//ZINC FINGER PROTEIN GCS1.//1.8E-10//109aa//36%//P35197

C-NT2RP4001571

55 C-NT2RP4001574//Homo sapiens coat protein gamma-cop mRNA, complete cds.//0//3046bp//99%//AF100756

C-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein.//0//1087bp//87%//AJ223830

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- 5 C-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS).//1.7E-141//373aa//47%//P73505
- C-NT2RP4001610//Homo sapiens mRNA for KIAA0869 protein, partial cds.//0//1897bp//99%//AB020676
- 10 C-NT2RP4001614
- C-NT2RP4001634
- 15 C-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/MMS19.//5.1E-46//234aa//32%//P40469
- C-NT2RP4001644//MYOSIN LIGHT CHAIN KINASE (EC 2.7.1.117) (MLCK).//6.4E-19//111aa//45%//P25323
- 20 C-NT2RP4001677
- 25 C-NT2RP4001679
- C-NT2RP4001696//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//4E-10//243aa//25%//Q10568
- 30 C-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT.//3E-10//128aa//32%//Q10282
- 35 C-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//6.4E-170//1168aa//33%//Q09332
- 40 C-NT2RP4001739
- C-NT2RP4001753//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.9E-236//665aa//58%//P51523
- 45 C-NT2RP4001760//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN).//4.1E-16//263aa//27%//P98174
- 50 C-NT2RP4001790//Homo sapiens mRNA for KIAA1015 protein, complete cds.//0//3144bp//99%//AB023232
- C-NT2RP4001803
- 55 C-NT2RP4001822//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//241aa//30%//O35566

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C-NT2RP4001823//MICROFIBRIL-ASSOCIATED GLYCOPROTEIN 4.//1.1E-19//77aa//54%//P55083

5 C-NT2RP4001828

C-NT2RP4001838//Homo sapiens CoREST protein (COREST) mRNA, complete cds.//6.3E-99//555.bp//73%//AF155595

10 C-NT2RP4001861//TRICHOHYALEN.//1E-35//307aa//34%//P37709

15 C-NT2RP4001893//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone DKFZp5640043).//0//1306bp//98%//AL050390

C-NT2RP4001896//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E1.//0.000000014//345aa//25%//Q00808

20 C-NT2RP4001901

C-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.3E-38//258aa//32%//Q12024

25 C-NT2RP400193 8//TRANSCRIPTIONAL REPRESSOR CTCF.//9.8E-60//303aa//38%//P49711

30 C-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISOASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE) .//1.5E-13//211aa//28%//Q43209

35 C-NT2RP4001950//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//1.2E-13//356aa//27%//P13816

40 C-NT2RP4001953

C-NT2RP4001966

45 C-NT2RP4001975

C-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).//6.9E-24//370aa//27%//Q04652

50 C-NT2RP4002052

55 C-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//1E-137//679aa//40%//O43143

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C-NT2RP4002071

5 C-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
./3E-150//722aa//39%//Q05481

10 C-NT2RP4002081//TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS
(TFIIA P35 AND P19 SUBUNITS) (TFIIA-42) (TFIIAL).//0.0000067//250aa//31%//P52655

C-NT2RP4002298

15 C-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.5E-63//159aa//53%//P38938

C-NT2RP4002791

20 C-NT2RP4002888//Homo sapiens mRNA; cDNA DKFZp434F1 72 (from clone
DKFZp434F172).//0//2557bp//99%//AL080202

C-NT2RP4002905

25 C-NT2RP5003461//RLR1 PROTEIN.//9.7E-22//177aa//27%//P53552

30 C-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.5E-
15//280aa//27%//Q00808

C-NT2RP5003492

35 C-NT2RP5003500

C-NT2RP5003506

40 C-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//3.3E-
23//219aa//40%//P37116

C-NT2RP5003524

45 C-NT2RP5003534

C-OVARC1000006//HISTONE H2A.1.//1.1E-55//117aa//99%//P02262

50 C-OVARC1000013//APOPTOTIC PROTEASE ACTIVATING FACTOR 1 (APAF-1)
./0.0000042//102aa//32%//O14727

55 C-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//2.6E-
295//1393bp//97%//AF058922

C-OVARC1000035

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5 C-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1)
(RNASE LE).//0.00000032//60aa//45 %//P80022

10 C-OVARC1000087//HISTONE MACRO-H2A.1.//1.6E-12//174aa//26%//Q02874

C-OVARC1000091//HOST CELL FACTOR C1 (HCF) (VP16 ACCESSORY PROTEIN) (HFC1)
(VCAF) (CFF).//8.4E-14//259aa//30%//P51610

C-OVARC1000113

15 C-OVARC1000139//Homo sapiens CGI-21 protein mRNA, complete
cds.//0//1562bp//99%//AF132955

C-OVARC1000148

20 C-OVARC1000151//Homo sapiens partial mRNA for putative protein p38 interacting with
transcription factor Sp1.//2.5E-95//461bp//98%//AJ242975

25 C-OVARC1000168

C-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete
cds.//1.8E-32//511bp//65%//AF068332

30 C-OVARC1000212

C-OVARC1000241//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT
35 INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//8.2E-
120//351aa//54%//Q16665

C-OVARC1000288//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22)
40 (POLYPEPTIDASE)(LEUCINE AMINOPEPTIDASE IV) (LAPIV) (AMINOPEPTIDASE III)
(AMINOPEPTIDASE YSCI).//5.4E-53//384aa//30%//P14904

C-OVARC1000304//PROTEIN MOV-10.//1.1E-249//519aa//87%//P23249

45 C-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//2.7E-40//154aa//38%//P29363

C-OVARC1000321

50 C-OVARC1000326

C-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC
55 REGION.//5.9E-14//200aa//27%//P40004

C-OVARC1000347

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C-OVARC1000384

5 C-OVARC1000411

C-OVARC1000420

10 C-OVARC1000437//TENSIN.//7.9E-181//340aa//84%//Q04205

C-OVARC1000443//Homo sapiens mRNA; cDNA DKFZp434A073 (from clone DKFZp434A073).//0//1216bp//99%//AL080126

15 C-OVARC1000461

C-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//1.2E-25//227aa//25%//P11075

20 C-OVARC1000466

C-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 3 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPECIFICITY PROTEIN PHOSPHATASE VHR).//3.1E-10//125aa//35%//P51452

25 C-OVARC1000479//Homo sapiens mRNA for KIAA0829 protein, partial cds.//0//1919bp//99%//AB020636

30 C-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.2E-157//892bp//91%//AF051850

35 C-OVARC1000564

C-OVARC1000576

40 C-OVARC1000588

C-OVARC1000605

45 C-OVARC1000640

C-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, complete cds.//0//1812bp//98%//D43772

50 C-OVARC1000661

55 C-OVARC1000771//RAS-RELATED PROTEIN RAB-2.//1.1E-46//121aa//79%//P08886

C-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933.//1.2E-17//127aa//33%//Q58343

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C-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//1.5E-178//1113bp//86%//AF001533
 5
 C-OVARC1001038//Homo sapiens mRNA for Ariadne-2 protein.//01/1172bp//97%//AJ130978
 C-OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.//1E-215//1027bp//98%//AF132946
 10
 C-OVARC1001162
 C-OVARC1001243
 15
 C-OVARC1001296
 C-OVARC1001360
 20
 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//6E-148//683bp//99%//AJ224819
 25
 C-OVARC1001425
 C-PLACE1000005
 30
 C-PLACE1000066//SSU72 PROTEIN.//1.1E-39//206aa//43%//P53538
 C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55) (CROTONASE).//2.8E-29//134aa//43%//P52046
 35
 C-PLACE1000184//Homo sapiens mRNA for KIAA0832 protein, complete cds.//5.5e-312//1411bp//99%//AB020639
 40
 C-PLACE1000185
 C-PLACE1000213//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1904bp//99%//AB023194
 45
 C-PLACE1000347
 C-PLACE1000374
 50
 C-PLACE1000380//Homo sapiens mRNA for KIAA0853 protein, partial cds.//0//2208bp//99%//AB020660
 55
 C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein.//0//753bp//99%//AJ224979

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C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.7E-30//352aa//31%//P15151

5 C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.2E-132//334aa//72%//P23246

10 C-PLACE1000420//7.8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//0.0000028//134aa//29%//P53368

C-PLACE1000435

15 C-PLACE1000444

C-PLACE1000562

20 C-PLACE1000564

C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE- BINDING PROTEIN 1).//1.6E-270//437aa//86%//P32455

25 C-PLACE1000596//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//2393bp//99%//AB020657

30 C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2E-55//779bp//67%//AF044201

C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.2E-39//261aa//27%//Q08891

35 C-PLACE1000716

C-PLACE1000748

40 C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete-cds.//4.6E-250//1189bp//97%//AB028449

45 C-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//2002bp//99%//AB014548

50 C-PLACE1000798

C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN

55 YHR148W.//2.5E-49//181aa//54%//P32899

C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.6E-19//404aa//26%//P39010

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C-PLACE1000948

5 C-PLACE1000972

C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.4E-22//129aa//35%//Q03070

10 C-PLACE1001000

C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//0//1500bp//99%//AF065485

15 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.3E-54//257aa//46%//Q04652

20 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER PROTEIN REQUIEM).//3E-33//138aa//42%//Q61103

25 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//2.3E-61//132aa//46%//Q12929

C-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete sequence.//0//2118bp//99%//AC005412

30 C-PLACE1001412

C-PLACE1001484//Homo sapiens chromosome 20 clone 387E22, WORKING DRAFT SEQUENCE, in unordered pieces.//0//1440bp//99%//AL031660

35 C-PLACE1001503

40 C-PLACE1001570

C-PLACE1001610

45 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE n).//4E-81//263aa//56%//P08635

50 C-PLACE1001729

C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.5E-75//439aa//41%//P16381

55 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.4E-63//427aa//35%//Q57290

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C-PLACE1001810

5 C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS)
mRNA, partial cds.//0//1995bp//99%//AF058953

C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2E-27//270aa//31%//P94524

10 C-PLACE1001912//Homo sapiens clone 24963 mRNA sequence, complete
cds.//0//1196bp//99%//AF131737

15 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete
cds.//0//1729bp//99%//AF099935

C-PLACE1001928

20 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.4E-78//496aa//37%//Q49091

C-PLACE1002046//LIGATIN (FRAGMENT).//1.7E-240//560aa//80%//Q61211

25 C-PLACE1002072

C-PLACE1002073//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE)
30 (ADENYLYL CYCLASE).//0.00000053//188aa//29%//P49606

C-PLACE1002140

35 C-PLACE1002163

C-PLACE1002170

40 C-PLACE1002433

C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN)
//0.0000042//133aa//29%//Q13105

45 C-PLACE1002465

C-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//6.7E-
50 214//956bp//94%//AB018256

C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced,
complete cds.//0//1750bp//99%//AF068180

55 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9E-
45//305aa//33%//Q15391

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C-PLACE1002794
 C-PLACE1002815
 5 C-PLACE1002839
 C-PLACE1002851
 10 C-PLACE1002941
 C-PLACE1002996
 15 C-PLACE1003045
 C-PLACE1003092
 20 C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.6E-79//253aa//60%//Q13268
 C-PLACE1003108
 25 C-PLACE1003145
 C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19)
 30 (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.8E-
 37//143aa//51%//P42743
 C-PLACE1003190//SOF1 PROTEIN.//1.9E-110//325aa//48%//P33750
 35 C-PLACE1003200
 C-PLACE1003296//Homo sapiens mRNA; cDNA DKFZp434G173 (from clone
 40 DKFZp434G173).//0//1706bp//99%//AL080133
 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.9E-
 45 206//396aa//86%//P51522
 C-PLACE1003334
 C-PLACE1003342
 50 C-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3)
 mRNA, complete cds.//0//2435bp//99%//U92715
 55 C-PLACE1003369
 C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.9E-

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278//1275bp//99%//D83200

5 C-PLACE1003611

C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.2E-10//380aa//25%//P18824

10 C-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//8E-19//209aa//34%//Q08170

15 C-PLACE1003711

C-PLACE1003723

20 C-PLACE1003762

C-PLACE1003771

25 C-PLACE1003784

C-PLACE1003923

30 C-PLACE1003936

C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//2.4E-124//326aa//73%//P80385

35 C-PLACE1004104

C-PLACE1004114

40 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA CHAIN 4).//6.1E-181//340aa//96%//P29387

45 C-PLACE1004149

C-PLACE1004156

50 C-PLACE1004161

C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%//AJ010071

55 C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.5E-10//208aa//27%//Q62556

C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//0//1882bp//99%//AF069493

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- C-PLACE1004258
- 5 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-)//9.7E-36//389aa//31%//O15393
- 10 C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//0//1498bp//99%//AF084830
- C-PLACE1004289
- 15 C-PLACE1004302//SOF1 PROTEIN.//1.9E-110//325aa//48%//P33750
- C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%//Y11588
- 20 C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//0//2512bp//99%//AF100153
- 25 C-PLACE1004376
- C-PLACE1004388
- 30 C-PLACE1004405
- C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-)//1.2E-39//385aa//33%//Q63448
- 35 C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//0//985bp//99%//U49283
- C-PLACE1004451
- 40 C-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0000002//218aa//23%//P25823
- C-PLACE1004473
- 45 C-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete//1.3E-209//954bp//99%//AF026445
- 50 C-PLACE1004516
- C-PLACE1004548
- 55 C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%//Q10568

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- C-PLACE1004629//PROTEIN OS-9 PRECURSOR.//7.7E-18//264aa//32%//Q13438
- 5 C-PLACE1004645
- C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63.//4.4E-42//985bp//59%//X66277
- 10 C-PLACE1004664
- C-PLACE1004672
- 15 C-PLACE1004674//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257) .//1.6E-95//191aa//96%//P12815
- 20 C-PLACE1004691
- C-PLACE1004722
- 25 C-PLACE1004736
- C-PLACE1004740
- 30 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPONENT) (N- RECOGNIN).//4.4E-35//578aa//27%//O60152
- C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds.//7.1E-224//790bp//98%//AB022918
- 35 C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN) .//1.9E-32//259aa//32%//P30337
- 40 C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.7E-65//695aa//29%//Q01631
- 45 C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//5.9E-19//196aa//36%//Q08170
- C-PLACE1004824
- 50 C-PLACE1004868//MALE STERILITY PROTEIN 2.//3.9E-39//261aa//27%//Q08891
- C-PLACE1004885
- 55 C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//9.3E-11//94aa//47%//O42643

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C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDHA)//4.9E-48//198aa//44%//P06151
 5
 C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds//0//1853bp//98%//AF099936
 10 C-PLACE1004934
 C-PLACE1004937//SEL-10 PROTEIN//6.3E-125//357aa//58%//Q93794
 15 C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X//2E-14//205aa//26%//Q11073
 C-PLACE1004982
 20 C-PLACE1005026
 C-PLACE1005027
 25 C-PLACE1005046
 C-PLACE1005077
 30 C-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//1E-209//1031bp//96%//L40401
 35 C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN)//2.6E-56//565aa//30%//Q04652
 C-PLACE1005111
 40 C-PLACE1005181
 C-PLACE1005187//APAG PROTEIN//3.8E-13//122aa//36%//P05636
 45 C-PLACE1005206
 C-PLACE1005232
 50 C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//1.3E-27//349aa//32%//Q01577
 55 C-PLACE1005261
 C-PLACE1005266

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C-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds.//3.2E-297//1341bp//100%//AB011182
 5
 C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP).//2.3E-13//269aa//28%//P53352
 10 C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2E-111//226aa//92%//P08760
 15 C-PLACE1005308
 C-PLACE1005313
 C-PLACE1005327
 20 C-PLACE1005335
 C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//8.6E-09//194aa//27%//O33335
 25 C-PLACE1005374
 30 C-PLACE1005480
 C-PLACE1005481
 35 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//1649bp//99%//AJ006276
 40 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//5.6E-52//173aa//57%//Q09251
 45 C-PLACE1005550
 C-PLACE1005554
 C-PLACE1005623
 50 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//0//2130bp//99%//AF083255
 55 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE).//2.1E-148//321aa//83%//P31350

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C-PLACE1005730

C-PLACE1005755

5 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II)//2.5E-79//209aa//53%//P08635

10 C-PLACE1005803

C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.1E-217//994bp//99%//AF027156

15 C-PLACE1005851

C-PLACE1005921//AIG1 PROTEIN.//3E-31//284aa//31%//P54120

20 C-PLACE1005923

C-PLACE1005925

25 C-PLACE1005934

C-PLACE1005936

30 C-PLACE1005951

C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-)//6.7E-30//198aa//37%//P43636

35 C-PLACE1005955//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.4E-54//455aa//32%//P14904

40 C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90) .//0.00000014//254aa//25%//P38129

45 C-PLACE1005990

C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2.//0//1564bp//99%//AJ236876

50 C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.7E-161//744bp//99%//X99906

55 C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.5E-148//681bp//99%//AF039023

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C-PLACE1006139

C-PLACE1006159

5 C-PLACE1006167

C-PLACE1006170//Homo sapiens mRNA for KIAA0899 protein, partial cds.//4.5E-
10 293//953bp//99%//AB020706

C-PLACE1006195

15 C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//2.7E-
116//496aa//48%//Q09747

C-PLACE1006225

20 C-PLACE1006236

C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN).//2E-
25 16//244aa//31%//P28675

C-PLACE1006246

30 C-PLACE1006325//Homo sapiens mRNA; cDNA DKFZp564J142 (from clone
DKFZp564J142).//3.8E-278//1271-bp//99%//AL080066

C-PLACE1006335

35 C-PLACE1006357

C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete
40 cds.//0//1168bp//99%//AF062085

C-PLACE1006412

45 C-PLACE1006414

C-PLACE1006438//ZINC FINGER PROTEIN 165.//2.5E-45//122aa//43%//P49910

50 C-PLACE1006445

C-PLACE1006470

55 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF.//7.7E-55//142aa//85%//Q90595

C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.1E-

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229//367aa//96%//Q00004

C-PLACE1006492

5

C-PLACE1006531

C-PLACE1006552

10

C-PLACE1006598//Homo sapiens clone NH0310K15, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0//2182bp//99%//AC007383

15

C-PLACE1006615

C-PLACE1006626//Homo sapiens mRNA for KIAA0928 protein, partial cds.//0//1760bp//99%//AB023145

20

C-PLACE1006673

C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone: HP10328.//5.8E-24//734bp//62%//AB015630

25

C-PLACE1006704

C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE) .//6.9E-13//177aa//33%//Q59263

30

35

C-PLACE1006782

C-PLACE1006819//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.8E-213//232aa//80%//P08547

40

C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN).//2E-15//188aa//29%//P35123

45

C-PLACE1006883

50

C-PLACE1006901

C-PLACE1006917//HSH49 PROTEIN.//5.5E-12//97aa//35%//Q99181

55

C-PLACE1006932

C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//6.7E-

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48//278aa//41%//Q10000

- 5 C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1.//1.3E-86//522aa//36%//P97998
- C-PLACE1006958//Homo sapiens mRNA for heat shock protein apg-1, complete cds.//0//1770bp//99%//AB023421
- 10 C-PLACE1006961
- C-PLACE1006962
- 15 C-PLACE1006966
- C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12).//3.2E-35//180aa//33%//Q14542
- 20 C-PLACE1007021
- C-PLACE1007105
- 25 C-PLACE1007178
- C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1E-42//370aa//31%//P54304
- 30 C-PLACE1007238
- 35 C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.5E-216//1068bp//96%//D50495
- 40 C-PLACE1007242
- C-PLACE1007243//UNC-47 PROTEIN.//0.00000017//211aa//27%//P34579
- 45 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//0//2052bp//99%//Y15908
- C-PLACE1007274
- 50 C-PLACE1007282
- C-PLACE1007301
- 55 C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds.//4.1E-17//1037bp//56%//AF117649

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- C-PLACE1007342
- 5 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//0//2366bp//99%//AF096870
- C-PLACE1007367
- 10 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//0.00000044//127aa//30%//P27715
- C-PLACE1007386
- 15 C-PLACE1007402
- C-PLACE1007409//WHITE PROTEIN.//1.1E-64//428aa//32%//Q17320
- 20 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26) (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP) .//8.8E-25//140aa//35%//P27487
- 25 C-PLACE1007450
- C-PLACE1007452
- 30 C-PLACE1007460
- C-PLACE1007484
- 35 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.4E-53//426aa//33%//P52734
- 40 C-PLACE1007507
- C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19) .//1.4E-85//385aa//45%//P08728
- 45 C-PLACE1007524
- 50 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.//8.9e-316//1485bp//98%//AF159164
- C-PLACE1007544
- 55 C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1E-49//361aa//36%//P34537

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C-PLACE1007583

5 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.6E-143//666aa//44%//Q99676

10 C-PLACE1007618//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//713bp//99%//AB023194

C-PLACE1007621

15 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR.//0.0000001//228aa//31%//P32506

C-PLACE1007645

20 C-PLACE1007649//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1952-bp//99%//AB023194

25 C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//8.7E-09//279aa//28%//Q26457

C-PLACE1007690

30 C-PLACE1007697//GCN20 PROTEIN.//7.6E-119//717aa//38%//P43535

35 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//3431bp//99%//AF061243

C-PLACE1007725

40 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.5E-44//231aa//42%//P10265

45 C-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//9.2E-294//1504bp//94%//AB014585

C-PLACE1007746

50 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.//0//1836bp//99%//AB019602

55 C-PLACE1007810

C-PLACE1007843

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C-PLACE1007846//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 3/13.//0//1751bp//99%//AP000010

5 C-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//0//3112bp//99%//AB018309

C-PLACE1007897

10

C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//2.6E-14//370aa//25%//Q99323

15 C-PLACE1007954

C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//0//2252bp//99%//AF084530

20

C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2300bp//99%//AF079529

25 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.1E-36//202aa//48%//P52272

C-PLACE1007990

30

C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSYN-110) (SYNAPTIC DENSITY PROTEIN PSD-93).//6.1E-14//128aa//39%//Q63622

35 C-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0//1833bp//99%//AC005628

C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NUCLEOPORIN) (P105).//4.6E-318//613aa//94%//P52590

40

C-PLACE1008095

45 C-PLACE1008122

C-PLACE1008129

50 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.3E-24//395aa//31%//Q09531

C-PLACE1008177//TRICHOHYALIN.//2.3E-29//487aa//26%//P37709

55

C-PLACE1008209

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C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)
./1.3E-283//671aa//77%/P53620

5 C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-)./2.3E-18//162aa//37%/P12689

C-PLACE1008280

10 C-PLACE1008309

C-PLACE1008329

15 C-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial
cds./0//1853bp//100%/AB014579

C-PLACE1008398//GENE 33 POLYPEPTIDE./7.3E-114//243aa//87%/P05432

20

C-PLACE1008401

25 C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRANSCYTOSIS
ASSOCIATED PROTEIN) (TAP)./0//698aa//95%/P41541

C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR./3.1E-11//189aa//32%/Q06527

30 C-PLACE1008457

C-PLACE1008465

35 C-PLACE1008488

40 C-PLACE1008524//Human DNA sequence from clone 34B21 on chromosome 6p12.1-21.1.
Contains part of a gene for a novel protein with ZU5 domain similar to part of Tight Junction
Protein ZO1 (TJP1) and UNC5 Homologs, the gene for a novel BZRP (peripheral
benzodiazapine recepto./0//1980bp//99%/AL031778

45 C-PLACE1008531

C-PLACE1008532

50 C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN)
./1.1E-09//62aa//48%/P22620

C-PLACE1008568

55 C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN
NUP155) (155 KD NUCLEOPORIN) (P140)./7.8E-236//453aa//96%/P37199

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C-PLACE1008621

C-PLACE1008626

5 C-PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.//0//1850bp//99%//AJ006591

10 C-PLACE1008629

C-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//0//1548bp//100%//AF044333

15 C-PLACE1008693

C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//0//3002bp//99%//AF038406

20 C-PLACE1008790//IMPORTIN ALPHA-6 SUBUNIT (KARYOPHERIN ALPHA-6 SUBUNIT) (IMPORTIN ALPHA S2).//3.1E-280//533aa//98%//O35345

25 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein rad1A.//2.3E-269//1225bp//99%//AJ004974

30 C-PLACE1008813

C-PLACE1008854

35 C-PLACE1008867

C-PLACE1008887

40 C-PLACE1008902

C-PLACE1008925

45 C-PLACE1009020//NIFS PROTEIN.//3.9E-55//279aa//41%//P12623

C-PLACE1009027//Homo sapiens mRNA for doublecortin.//0//1919bp//99%//AJ003112

50 C-PLACE1009045

C-PLACE1009060//BRO1 PROTEIN.//6.7E-19//567aa//24%//P48582

55 C-PLACE1009090

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C-PLACE1009091

5 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2)
./1.9E-44//480aa//30%//P30432

10 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.1E-
179//452aa//67%//P51814

C-PLACE1009110

15 C-PLACE1009111

C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-
ASSOCIATED PROTEIN E6-AP).//2E-68//181aa//43%//Q05086

20 C-PLACE1009158

C-PLACE1009166

25 C-PLACE1009174

C-PLACE1009186

30 C-PLACE1009190

C-PLACE1009230

35 C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete
cds; nuclear gene for mitochondrial product.//2.1E-132//1229bp//75%//AF107295

40 C-PLACE1009328

C-PLACE1009335

C-PLACE1009338

45 C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX2.//2.5E-10//151aa//29%//Q12067

50 C-PLACE1009375

C-PLACE1009388

55 C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME
I.//0.000000047//165aa//33%//Q09820

C-PLACE1009434

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C-PLACE1009443

5 C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE)
(PTDINS-4-KINASE) (PI4K-ALPHA).//7.8E-71//82aa//89%//P42356

C-PLACE1009459

10 C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//3.1E-
289//550aa//93%//P54319

15 C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN
CHROMOSOME III.//3.9E-40//179aa//37%//P34580

20 C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF
EXCHANGE FACTOR).//8.1E-99//228aa//75%//Q99418

C-PLACE1009542

25 C-PLACE1009571

C-PLACE1009581

30 C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.1E-
54//291aa//40%//Q00808

C-PLACE1009607

35 C-PLACE1009621

C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN.//1.3E-60//209aa//41%//P25159

40 C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAPI PROTEIN).//1.5E-
285//538aa//99%//P55161

45 C-PLACE1009665

C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete
cds.//0//1854bp//100%//AF062534

50 C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN
C12G12.13C IN CHROMOSOME I.//7E-33//166aa//43%//Q09876

55 C-PLACE1009721//MSF1 PROTEIN.//1.7E-22//176aa//33%//P35200

C-PLACE1009731//AIG1 PROTEIN.//1.6E-22//274aa//28%//P54120

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- 5 C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete
cds.//4.3E-294//1329bp//100%//AB012190
- C-PLACE1009794
- 10 C-PLACE1009845//Homo sapiens mRNA for KIAA0905 protein, complete
cds.//0//2685bp//99%//AB020712
- C-PLACE1009886
- 15 C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC
REGION.//1.9E-108//277aa//43%//P53145
- C-PLACE1009971
- 20 C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84).//4.6E-
59//450aa//34%//P28175
- 25 C-PLACE1009995//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone
DKFZp5640123).//0//1962bp//99%//AL080122
- 30 C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA,
complete cds.//5.2E-70//736bp//73%//U48288
- C-PLACE1010023
- 35 C-PLACE1010031
- C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//6E-
279//1402bp//94%//X84692
- 40 C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete
cds.//0//2019bp//99%//AF065482
- 45 C-PLACE1010076
- C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-).//1.4E-268//506aa//98%//Q62671
- 50 C-PLACE1010102
- C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).//7.3E-
114//537aa//44%//O04652
- 55 C-PLACE1010106//Homo sapiens mRNA; cDNA DKFZp586M1418 (from clone
DKFZp586M1418).//0//1974bp//99%//AL049385

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5 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3).//1.7E-20//156aa//42%/P22082

10 C-PLACE1010148//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) .//0.00000046//431aa//23%/P35662

15 C-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN).//9.8E-11//95aa//49%/Q01130

20 C-PLACE1010202

C-PLACE1010261//SEGREGATION DISTORTER PROTEIN.//1.6E-77//214aa//62%/P25722

25 C-PLACE1010274//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone DKFZp5640123).//0//1964bp//99%/AL080122

30 C-PLACE1010293

C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//1.1E-09//350aa//22%/P52178

35 C-PLACE1010324

C-PLACE1010329

40 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC) .//0.000000002//126aa//29%/P34024

45 C-PLACE1010364

C-PLACE1010383

50 C-PLACE1010481//Homo sapiens mRNA for KIAA0836 protein, partial cds.//0//2121bp//99%/AB020643

C-PLACE1010491

C-PLACE1010492

55 C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.//0//1981bp//99%/AB022718

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C-PLACE1010529

5 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN
USO1.//0.00000012//616aa//24%//P253 86

10 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein,
complete cds.//0//1904bp//99%//AB017546

C-PLACE1010616

15 C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC)
.//0.00000016//120aa//28%//P02642

C-PLACE1010629

20 C-PLACE1010630

C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS13.//5.7E-75//423aa//39%//Q01755

25 C-PLACE1010714

30 C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C,
complete cds.//4E-299//1091bp//99%//AB019987

C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial
cds.//8.9E-91//668bp//82%//AF020267

35 C-PLACE1010771//M.musculus HCNGP mRNA.//7.4E-168//966bp//89%//X68061

C-PLACE1010786

40 C-PLACE1010800

C-PLACE1010811

45 C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//1.3E-143//407aa//58%//Q05481

50 C-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial
cds.//0//1885bp//99%//AB011182

C-PLACE1010900

55 C-PLACE2000050

C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR

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(XOTCH PROTEIN)//2.4E-191//828aa//48%//P21783

C-PLACE4000590

C-PLACE4000638

C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN)//7.9E-17//201aa//34%//P49816

C-Y79AA1001647

Homology Search Result Data 7.

The result of the homology search of the SwissProt using the 5'-end sequence (54 clones selected in EXAMPLE 16).

Data include

the name of clone,

definition of the top hit data,

the P-value: the length of the compared sequence: identity (%), and

the organism and the Accession No. of the top hit data, as in the order separated by //.

Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000497//METALLOTHIONEIN-LIKE PROTEIN 2A (MT-2A) (MT-K) (MT-1G)
//0.13//52//38//P25860

F-HEMBA1001750//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15)
(UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E)
(DEUBIQUITINATING ENZYME 64E)//2.2e-28//104//59//Q24574

F-HEMBA1003854//VERPROLIN//0.012//138//31//P37370

F-HEMBA1004193//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)
(FRAGMENT)//0.93//39//33//Q37131

F-HEMBA1004860//HIGH POTENTIAL IRON-SULFUR PROTEIN, ISOZYME 2 (HIPIP 2)
//0.90//20//50//P38524

F-HEMBA1005572//ZINC FINGER PROTEIN 124 (HZF-16)//7.6e-46//141//58//Q15973

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F-HEMBA1006038//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENT).//0.0033//32//46//P70560

F-HEMBA1006092//VERPROLIN.//1.0//62//35//P37370

5 F-HEMBA1006406//MATING PHEROMONE ER-10 PRECURSOR (EUPLOMONE R10)
.//0.30//41//36//P12350

10 F-HEMBA1006650//MATING-TYPE PHEROMONE BAP1(2)
PRECURSOR.//0.089//21//52//Q02593

15 F-HEMBA1006812//HEAT SHOCK PROTEIN HTGA (HEAT SHOCK PROTEIN HTPY)
.//0.38//156//30//P28697

F-HEMBB1000672

20 F-HEMBB1001197//DNA-BINDING PROTEIN 65 (PROTEIN GP65).//1.0//30//36//P16012

F-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S1).//3.7e-54//241//47//P47853

25 F-MAMMA1001252//HYPOTHETICAL 9.1 KD PROTEIN IN NIRQ 3'REGION (ORF3)
.//0.59//48//39//Q51483

30 F-MAMMA1002094

F-NT2RM4000634//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11)
.//0.26//58//27//P06333

35 F-NT2RM4000657//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-
DELTA-1) (PLC-III) (FRAGMENT).//8.9e-20//83//48//P10895

40 F-NT2RM4000783//ZINC FINGER PROTEIN (FRAGMENT).//1.0//42//40//P19326

F-NT2RM4000857//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID
45 LABILE CHAIN PRECURSOR (ALS).//6.0e-23//207//32//O02833

F-NT2RM4001178//HOMEBOX PROTEIN OTX3 (ZOTX3).//0.012//156//28//Q90267

50 F-NT2RM4002420//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//0.0012//81//37//P13816

F-NT2RP2000198//CREB-BINDING PROTEIN.//0.29//98//37//Q92793

55 F-NT2RP2000551//PROTEIN Q300.//0.00017//23//60//Q02722

F-NT2RP2000660//HYPOTHETICAL PROTEIN MJ0401.//1.0//41//29//Q57844

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F-NT2RP2001214//MALE SPECIFIC SPERM PROTEIN MST84DC.//0.27//13//61//Q01644

5 F-NT2RP2001460//PROTEIN KINASE C-LIKE (EC 2.7.1.-).//0.089//99//29//Q99014

F-NT2RP2001756//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58)
(FRAGMENT)-//4.0e-13//177//28//P16372

10 F-NT2RP2002056//HYPOTHETICAL 6.0 KD PROTEIN IN THI12
5'REGION.//0.37//12//75//P53820

15 F-NT2RP2002677//NONSPECIFIC LIPID-TRANSFER PROTEIN 3 PRECURSOR (LTP 3)
.//0.99//61//32//Q42616

F-NT2RP2002755//OCTAPEPTIDE-REPEAT PROTEIN T2.//3.3e-10//90//35//Q06666

20 F-NT2RP2002843//CYTOCHROME B.//0.78//103//26//P48884

F-NT2RP2003101//ATPASE INHIBITOR, MITOCHONDRIAL HOMOLOG.//0.40//28//46//P37209

25 F-NT2RP2003799//HYPOTHETICAL PROTEIN MJ0116.1.//0.80//55//32//P81303

F-NT2RP2004095

30 F-NT2RP2004732

F-NT2RP2004920//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE.//0.18//18//55//Q48251

35 F-NT2RP2005454

F-NT2RP2005776//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE
ADENYLYLTRANSFERASE) (FRAGMENT).//7.4e-38//136//41//P51003

40 F-NT2RP2005806//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//4.0e-
08//180//28//P32323

45 F-NT2RP2005882

F-NT2RP3001282//METHYL-ACCEPTING CHEMOTAXIS PROTEIN
50 TLPB.//0.0022//69//39//P39217

F-NT2RP3001723//TRANSCRIPTIONAL REGULATORY PROTEIN ALGP (ALGINATE
REGULATORY PROTEIN ALGR3).//0.00035//127//31//P15276

55 F-NT2RP3002099//NONHISTONE CHROMOSOMAL PROTEIN HMG-
17.//0.97//71//28//P05204

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F-NT2RP3003155//CCAAT DISPLACEMENT PROTEIN (HOMEBOX PROTEIN CLOX)
(CLOX-1) (FRAGMENT).//0.064//110//34//P39881

5

F-NT2RP3004028//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3)
(FRAGMENT).//0.020//95//29//P15583

10

F-OVARC1000008//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)
.//2.8e-05//165//29//P17437

15

F-OVARC1000724//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS:
PEPTIDE P-D] (FRAGMENT).//0.035//152//30//P10162

20

F-OVARC1000751//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPO (VMW118
PROTEIN).//0.38//124//31//P28284

F-OVARC1001029

25

F-PLACE1000814//EC PROTEIN HOMOLOG 2 (FRAGMENT).//0.45//61//24//Q42377

30

F-PLACE1003030//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-
BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35)
(LAMININ-BINDING PROTEIN) (LECTIN L-29).//0.70//121//32//P47845

F-PLACE1005549//RHO1 GDP-GTP EXCHANGE PROTEIN 1 (PROTEIN KINASE C
SUPPRESSOR SKC1).//3.2e-08//205//24//P53046

35

F-PLACE1007218//IG KAPPA CHAIN V-III REGION (PC 7210).//0.99//52//38//P01668

Homology Search Result Data 8.

40

The result of the homology search of the GenBank using the clone sequence of 5'-end (54
clones selected in EXAMPLE 16.) except EST and STS.

Data include

45

the name of clone,

definition of the top hit data,

50

the P-value: the length of the compared sequence: identity (%), and

the Accession No. of the top hit data, as in the order separated by //.

55

Data are not shown for the clones in which the P-value was higher than 1.

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F-HEMBA1000497

5 F-HEMBA1001750//Human mitochondrial genes for several tRNAs (Phe, Val, Leu) and 12S and 16S ribosomal RNAs.//6.6e-101//473//99//V00710

10 F-HEMBA1003854//Homo sapiens clone RG270D13, *** SEQUENCING IN PROGRESS ***, 18 unordered pieces.//1.7e-05//412//61//AC005081

15 F-HEMBA1004193//Human BAC clone RG343H22 from 7q31, complete sequence.//0.77//466//59//AC002386

F-HEMBA1004860//Human pigment epithelium-derived factor gene, complete cds.//6.7e-07//492//57//U29953

20 F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced} [human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt].//2.9e-47//341//77//S54641

25 F-HEMBA1006038//Human DNA sequence from clone 989H11 on chromosome 22q13.1-13.2, complete sequence.//0.28//436//59//Z83851

30 F-HEMBA1006092//Human chromosome 16p13.11 BAC clone CIT987SK-29B12 complete sequence.//0.28//309//60//U95738

35 F-HEMBA1006406//HS_2268_B2_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2268 Col=14 Row=F, genomic survey sequence.//3.7e-69//340//99//AQ070566

F-HEMBA1006650//H.sapiens CpG island DNA genomic Mse1 fragment, clone 5h5, forward read cpg5h5.f1a.//9.4e-24//143//96//Z55730

40 F-HEMBA1006812//X.laevis xUBFalpal mRNA for upstream binding factor 2.//0.96//234//64//X59863

45 F-HEMBA100672//CIT-HSP-2350H6.TF CIT-HSP Homo sapiens genomic clone 2350H6, genomic survey sequence.//1.1e-68//375//94//AQ059158

50 F-HEMBA1001197//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//2.8e-10//229//66//U95760

F-HEMBA1001871//Equus caballus dermatan sulfate proteoglycan II mRNA, complete cds.//1.2e-27//619//62//AF038127

55 F-MAMMA1001252

F-MAMMA1002094//H.sapiens CpG island DNA genomic Mse1 fragment, clone 184g7,

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forward read cpg184g7.ft1a.//3.4e-29//167//97//Z59993

5 F-NT2RM4000634//Chionoecetes opilio (clone COP41) DNA microsatellite repeat regions.//1.4e-21//230//73//L49136

10 F-NT2RM4000657//Human mRNA for phospholipase C, complete cds.//0.029//245//61//D42108

F-NT2RM4000783//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//3.7e-36//324//70//AC005199

15 F-NT2RM4000857//RPCI11-49P19.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-49P19, genomic survey sequence.//1.5e-62//322//97//AQ051961

20 F-NT2RM4001178//Streptomyces coelicolor cosmid 7H1.//0.0025//296//62//AL021411

F-NT2RM4002420//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//0.00013//121//76//AC005670

25 F-NT2RP2000198//Human platelet glycoprotein IX mRNA, 3' end.//0.016//246//62//M25827

30 F-NT2RP2000551//Rattus norvegicus microsatellite sequence clone 82G9.//2.0e-08//223//69//AJ233812

F-NT2RP2000660//Homo sapiens chromosome 19, cosmid R30953, complete sequence.//0.0073//209//66//AC005622

35 F-NT2RP2001214

40 F-NT2RP2001460//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.0//80//76//AC005189

F-NT2RP2001756//CIT-HSP-2373P1.TR CIT-HSP Homo sapiens genomic clone 2373P1, genomic survey sequence.//3.0e-38//220//94//AQ110589

45 F-NT2RP2002056//Genomic sequence from Human 17, complete sequence.//1.2e-80//317//91//AC002094

50 F-NT2RP2002677//Homo sapiens chromosome 10 clone CIT987SK-1031G15 map 10q25, *** SEQUENCING IN PROGRESS ***, 1 ordered pieces.//0.032//141//70//AC006097

F-NT2RP2002755//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 9//13.7//1.8e-22//377//69//AP000018

55

F-NT2RP2002843//Homo sapiens BAC clone RG030L05 from 7q22, complete sequence.//6.5e-16//311//63//AC005050

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- F-NT2RP2003101//Human FMR1 gene, 5' end.//0.32//105//67//L19476
- 5 F-NT2RP2003799//Human DNA for 5' terminal region of LINE-1 transposable element clone CGL1-4.//1.6e-33//119//96//X52233
- 10 F-NT2RP2004095//HS_3083_A1_A02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3083 Col=3 Row=A, genomic survey sequence.//1.0e-14//154//79//AQ106698
- 15 F-NT2RP2004732//CIT-HSP-631P16.TP CIT-HSP Homo sapiens genomic clone 631P16, genomic survey sequence.//2.3e-20//120//99//B79035
- 20 F-NT2RP2004920//Plasmodium falciparum MAL3P4, complete sequence.//0.030//397//59//AL008970
- F-NT2RP2005454//Plasmodium falciparum chromosome 2, section 47 of 73 of the complete sequence.//0.97//455//56//AE001410
- 25 F-NT2RP2005776//H.sapiens PAP mRNA.//1.0e-33//451//68//X76770
- 30 F-NT2RP2005806//Mus musculus musculus sex determining protein (Sry) gene, complete cds.//0.029//412//60//U70652
- F-NT2RP2005882//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//9.4e-25//155//90//Z93242
- 35 F-NT2RP3001282//RPCI11-52L16.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-52L16, genomic survey sequence.//3.2e-21//122//100//AQ052775
- 40 F-NT2RP3001723//H.sapiens CpG island DNA genomic Mse1 fragment, clone 13g5, reverse read cpg13g5.rt1a.//2.2e-18//163//85//Z56771
- 45 F-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.3e-76//351//86//AC005180
- F-NT2RP3003155
- 50 F-NT2RP3004028//Sequence 1 from patent US 5618695.//3.3e-13//217//70//I40055
- F-OVARC1000008///0.0040//674//57//M82836
- 55 F-OVARC1000724//Herpes simplex virus type I immediate early (IE) gene 3 for transcriptional activator IE175 (= ICP 4).//1.1e-07//519//59//X06461
- F-OVARC1000751//Homo sapiens DNA from chromosome 19, cosmid R29144, complete

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sequence.//7.2e-11//509//62//AC004221

5 F-OVARC1001029//Human DNA sequence from clone 19408 on chromosome 6q24.1-25.3
Contains STS and GSSs, complete sequence.//1.1e-05//388//61//AL031769

10 F-PLACE1000814//Homo sapiens BAC clone GS011E15 from 5q31, complete
sequence.//1.4e-84//717//78//AC002427

F-PLACE1003030

15 F-PLACE1005549//Human guanine nucleotide regulatory protein (NET1) mRNA, complete
cds.//4.9e-56//709//68//U02081

20 F-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN
PROGRESS ***, in unordered pieces.//3.1e-39//214//98//AL031660

Homology Search Result Data 9.

25 The result of the homology search of the GenBank using the clone sequence of 3'-end (54
clones selected in EXAMPLE 16.) except EST and STS.

Data include

30 the name of clone,

definition of the top hit data,

35 the P-value: the length of the compared sequence: identity (%), and

the Accession No. of the top hit data, as in the order separated by //.

40 Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in
the clone.

45 Data are not shown for the clones in which the P-value was higher than 1.

R-HEMBA1000497//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.4e-
38//185//84//U14567

50 R-HEMBA1001750//Hansenula wingei mitochondrial DNA, complete sequence.//1.7e-
07//399//59//D31785

55 R-HEMBA1003854//Human DNA sequence from clone 224A6 on chromosome 1p35.1-36.23
Contains part of a gene similar to Mouse Wnt-4 protein, the gene for CDC42 (cell division
cycle 42 (GTP-binding protein, 25kD)), ESTs, STSs, GSSs and a CpG Island, complete
sequence.//1.4e-75//309//85//AL031281

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- R-HEMBA1004193//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.1e-34//188//81//U14567
- 5 R-HEMBA1004860//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.3e-06//239//66//AC004241
- 10 R-HEMBA1005572//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2, complete sequence.//3.1e-21//341//67//AJ010598
- 15 R-HEMBA1006038//Homo sapiens chromosome 19, cosmid R34094, complete sequence.//1.7e-24//307//71//AC004678
- 20 R-HEMBA1006092//H.Sapiens mRNA for alpha2-subunit of soluble guanylyl cyclase.//0.76//246//62//X63282
- 25 R-HEMBA1006406//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4 Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//1.3e-31//297//77//AL023574
- 30 R-HEMBA1006812//Homo sapiens chromosome X clone RP3-424J12, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//1.8e-55//430//81//Z82207
- 35 R-HEMBA100672//Homo sapiens clone UWGC:y54c283 from 6p21, complete sequence.//9.1e-39//437//71//AC006166
- 40 R-HEMBA1001197//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence.//1.5e-37//275//85//AC004593
- 45 R-HEMBA1001871//Plasmodium falciparum chromosome 12 clone 3D7, *** SEQUENCING IN PROGRESS ***, 5 unordered pieces.//0.00097//410//59//AC004688
- 50 R-MAMMA1001252//Homo sapiens clone 201104, *** SEQUENCING IN PROGRESS ***, 4 unordered pieces.//2.9e-13//364//64//AC004529
- 55 R-MAMMA1002094//HS_3163_A1_A09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3163 Col=17 Row=A, genomic survey sequence.//5.9e-41//256//91//AQ141441
- R-NT2RM4000634//Homo sapiens chromosome 19, cosmid R30783, complete sequence.//1-6e-21//283//73//AC005258
- R-NT2RM4000657

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- R-NT2RM4000783
- 5 R-NT2RM4000857//RPCI11-63K2.TK RPCI-11 Homo sapiens genomic clone RPCI-11-63K2,
genomic survey sequence.//4.0e-07//62//98//AQ203073
- R-NT2RM4001178
- 10 R-NT2RM4002420
- R-NT2RP2000198//Homo sapiens Chromosome 16 BAC clone CIT987-SK37914 -complete
15 genomic sequence, complete sequence.//0.58//108//67//AC002307
- R-NT2RP2000551//Homo sapiens DNA, pseudoautosomal boundary-like sequence
PABL2.//6.2e-72//391//87//D30043
- 20 R-NT2RP2000660//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete
sequence.//0.0058//166//69//AC005324
- 25 R-NT2RF2001214//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes,
partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein,
complete cds.//0.93//117//65//U49822
- 30 R-NT2RP2001460
- R-NT2RP2001756//CIT-HSP-2382021.TR CIT-HSP Homo sapiens genomic clone 2382021,
genomic survey sequence.//3.4e-91//507//92//AQ114228
- 35 R-NT2RP2002056//Homo sapiens DNA sequence from PAC 95C20 on chromosome
Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms,
complete sequence.//0.00022//225//69//Z97181
- 40 R-NT2RP2002677//CIT-HSP-2349K20.TF CIT-HSP Homo sapiens genomic clone 2349K20,
genomic survey sequence.//3.1e-29//178//94//AQ062168
- 45 R-NT2RP2002755//Human DNA sequence from cosmid U65A4, between markers DXS366
and DXS87 on chromosome X *.//5.3e-39//449//72//Z81014
- 50 R-NT2RP2002843//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete
sequence.//0.0097//498//59//AC005412
- R-NT2RP2003101//CIT-HSP-238301.TR CIT-HSP Homo sapiens genomic clone 238301,
genomic survey sequence.//1.2e-32//344//75//AQ196754
- 55 R-NT2RP2003799///3.6e-05//408//60//AL010237

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R-NT2RP2004095//Plasmodium falciparum chromosome 4 strain 3D7, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//2.1e-10//455//61//AL034557

5 R-NT2RP2004732//Human DNA sequence from clone 703H14 on chromosome 1q23.2-24.3 Contains 3' end of a novel gene, ESTs, CA repeat(D1S445), STS, GSSs, complete sequence.//5.1e-51//383//74//AL031287

10 R-NT2RP2004920//Homo sapiens chromosome 5, P1 clone 878H11 (LBNL H45), complete sequence.//0.062//315//61//AC005219

15 R-NT2RP2005454//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindDIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//0.75//246//63//Z86062

20 R-NT2RP2005776//Homo sapiens PAC clone DJ1189D06 from 7p15.3-p14, complete sequence.//0.91//232//61//AC005232

25 R-NT2RP2005806//Human neurofibromatosis type 1 (NF1) gene, intron 19a, complete sequence.//1.3e-19//405//66//U37368

R-NT2RP2005882//Plasmodium falciparum MAL3P1, complete sequence.//1.1e-09//533//60//Z97348

30 R-NT2RP3001282//Plasmodium falciparum MAL3P8, complete sequence.//0.00026//499//58//AL034560

35 R-NT2RP3001723//Human BAC clone RG354L07 from 7q31, complete sequence.//0.00035//337//61//AC002466

40 R-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.8e-44//307//86//AC005180

R-NT2RP3003155

45 R-NT2RP3004028//F14A6-Sp6 IGF Arabidopsis thaliana genomic clone F14A6, genomic survey sequence.//0.95//95//65//B21351

R-OVARC1000008

50 R-OVARC1000724//Homo sapiens BAC clone RG017K18 from 7q31, complete sequence.//0.91//83//71//AC005161

55 R-OVARC1000751//HS_2222_A2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=18 Row=E, genomic survey sequence.//2.8e-12//176//72//AQ033143

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R-OVARC1001029//Homo sapiens Xp22 Cosmid U151G1 (from Lawrence Livermore X library) and PAC RPC11-93D11 (from Roswell Park Cancer Center) complete sequence.//1.2e-09//165//75//AC002357

5

R-PLACE1000814//Homo sapiens BAC clone GS465N13 from 7p15-p21, complete sequence.//6.2e-52//514//75//AC004744

10

R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//9.6e-33//225//90//AF032387

15

R-PLACE10e5549//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K19P17, complete sequence.//0.097//323//61//AB007644

20

R-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//1.1e-88//497//91//AL031660

Homology Search Result Data 10.

25

The result of the homology search of the Human Unigene using the clone sequence of 5'-end (54 clones selected in EXAMPLE 16.) .

Data include

30

the name of clone,

title of the top hit data,

35

the P-value: the length of the compared sequence: identity (%), and

the Accession No. of the top hit data, as in the order separated by //.

40

Data are not shown for the clones in which the P-value was higher than 1.

45

F-HEMBA1000497//ou15a11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE: 1626332 3', mRNA sequence.//1.0//186//65//AI018130

F-HEMBA1001750//Human mRNA for TI-227H.//2.5e-101//473//99//D50525

50

F-HEMBA1003854//Homo sapiens mRNA for KIAA1031 protein, partial cds.//7.2e-06//103//80//AB028954

55

F-HEMBA1004193//Homo sapiens mRNA for TL132.//0.75//334//59//AJ012755

F-HEMBA1004860//ny07e01.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE: 1271064 3' similar to contains Alu repetitive element,, mRNA sequence.//3.7e-

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06//140//70//AA749151

5 F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced}
[human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt]//1.1e-48//341//77//S54641

10 F-HEMBA1006038//Homo sapiens gene for insulin receptor substrate-2, complete
cds.//0.036//297//60//AB000732

15 F-HEMBA1006092//ab80f12.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone
IMAGE:853295 3' similar to contains Alu repetitive element;, mRNA
sequence.//0.65//150//63//AA663266

20 F-HEMBA1006406//ws26e11.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:
2498348 3' similar to TR:002710 002710 GAG POLYPROTEIN ; mRNA sequence.//1.4e-
32//518//67//AI989639

25 F-HEMBA1006650//Homo sapiens Arp2/3 protein complex subunit p20-Arc (ARC20) mRNA,
complete cds.//1.3e-19//136//90//AF006087

30 F-HEMBA1006812//zh49f01.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA
clone IMAGE:415417 3', mRNA sequence.//1.3e-120//579//98//W80404

35 F-HEMBA100672//Homo sapiens mRNA for KIAA1040 protein, partial
cds.//0.00047//706//57//AB028963

40 F-HEMBA1001197//tq45e03.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2211772
3' similar to TR:001940 001940 STRAWBERRY NOTCH ;, mRNA sequence.//1.2e-
16//117//92//AI580023

45 F-HEMBA1001871//Human chondroitin/dermatan sulfate proteoglycan (PG40) core protein
mRNA, complete cds.//4.6e-26//527//62//M14219

F-MAMMA1001252

50 F-MAMMA1002094

55 F-NT2RM4000634//DKFZp434D1813_r1 434 (synonym: htes3) Homo sapiens cDNA clone
DKFZp434D1813 5', mRNA sequence.//9.7e-16//226//69//AL040136

F-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//7.6e-
179//817//99//AB028992

F-NT2RM4000783//wd82f06.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:
2338115 3', mRNA sequence.//1.8e-20//470//65//AI703299

F-NT2RM4000857//Homo sapiens KIAA0416 mRNA, partial cds.//1.9e-46//749//65//AB007876

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F-NT2RM4001178//Homo sapiens protein tyrosine phosphatase (PAC-1) mRNA, complete cds.//0.0024//254//63//L11329

5

F-NT2RM4002420//wg39f11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2367501 3' similar to contains element L1 L1 repetitive element ; mRNA sequence.//1.4e-13//127//84//AI742251

10

F-NT2RP2000198//Human mRNA for platelet glycoprotein IX.//0.0033//241//62//X52997

F-NT2RP2000551//ze37d12.s1 Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:361175 3', mRNA sequence.//5.0e-07//116//71//AA017066

15

F-NT2RP2000660//qx01g11.x1 NCI_CGAP_Br14 Homo sapiens cDNA clone IMAGE:1999364 3', mRNA sequence.//0.027//120//65//AI225283

20

F-NT2RP2001214

F-NT2RP2001460//wb50h10.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2309155 3', mRNA sequence.//0.0013//89//78//AI651878

25

F-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3' similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence.//2.3e-18//120//93//AA427992

30

F-NT2RP2002056//tw44g09.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2262592 3' similar to contains Alu repetitive element; mRNA sequence.//2.4e-07//99//79//AI811687

35

F-NT2RP2002677

F-NT2RP2002755//zj83d10.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:461491 3' similar to contains element TAR1 repetitive element ; mRNA sequence.//1.9e-19//229//76//AA705059

40

F-NT2RP2002843//wt88dl2.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2514551 3' similar to TR:P79522 P79522 MHC CLASS I REGION PROLINE RICH PROTEIN.; mRNA sequence.//8.2e-15//314//67//AI964055

45

F-NT2RP2003101//wi65a03.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2398156 3', mRNA sequence.//0.38//106//68//AI763133

50

F-NT2RP2003799//Homo sapiens mRNA; cDNA DKFZp564C142 (from clone DKFZp564C142).//2.5e-29//124//91//AL049979

55

F-NT2RP2004095

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F-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial cds.//2.6e-109//533//96//AB020691

5 F-NT2RP2004920//wz68d10.x1 NCI_CGAP_Mel15 Homo sapiens cDNA clone IMAGE: 2563219 3' similar to TR:000172 000172 LINE-1 REVERSE TRANSCRIPTASE ;, mRNA sequence.//0.0020//220//61//AI969546

10 F-NT2RP2005454//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0.058//143//69//AB023194

15 F-NT2RP2005776//H.sapiens PAP mRNA.//4.3e-35//451//68//X76770

F-NT2RP2005806//HSZ78328 Human fetal brain S. Meier-Ewert Homo sapiens cDNA clone 2.48 (CEPH) 3', mRNA sequence.//2.0e-05//385//62//Z78328

20 F-NT2RP2005882//Human mRNA for KIAA0364 gene, complete cds.//7.3e-23//141//94//AB002362

25 F-NT2RP3001282

F-NT2RP3001723//ws73d05.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE: 2503593 3' similar to contains MSR1.t1 TAR1 TAR1 repetitive element ; mRNA sequence.//2.6e-07//245//66//AW008782

30 F-NT2RP3002099//yg49d01.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE: 36239 3', mRNA sequence.//0.58//164//64//R46086

35 F-NT2RP3003155

F-NT2RP3004028//Homo sapiens mRNA for KIAA1074 protein, complete cds.//1.3e-29//488//66//AB028997

40 F-OVARC1000008//Homo sapiens mRNA for KIAA0665 protein, complete cds.//0.00032//430//59//AB014565

45 F-OVARC1000724//Homo sapiens mRNA for KIAA0641 protein, complete cds.//0.0054//426//58//AB014541

50 F-OVARC1000751//Human Tis11d gene, complete cds.//4.6e-12//527//62//U07802

F-OVARC1001029//qv29c05.x1 NCI_CGAP_Ov31 Homo sapiens cDNA clone IMAGE: 1982984 3' similar to contains element L1 repetitive element ; mRNA sequence.//0.0012//145//68//AI252422

55 F-PLACE1000814//ak42f05.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE: 1408641 3', mRNA sequence.//7.1e-31//275//76//AA868469

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F-PLACE1003030

5 F-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//1.2e-57//737//67//AJ010046

F-PLACE1007218//yo34a08.s1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone
10 IMAGE:179798 3', mRNA sequence.//2.2e-21//216//76//H52716

Homology Search Result Data 11.

15 The result of the homology search of the Human Unigene using the clone sequence of 3'-end (54 clones selected in EXAMPLE 16.).

Data include

20

the name of clone,

title of the top hit data,

25

the P-value: the length of the compared sequence: identity (%), and

the Accession No. of the top hit data, as in the order separated by //.

30

Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

35 Data are not shown for the clones in which the P-value was higher than 1.

R-HEMBA1000497//np09h02.s1 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:1115859
40 similar to contains Alu repetitive element;contains element MER22 repetitive element ; mRNA sequence.//6.2e-38//185//83//AA614254

R-HEMBA1001750//yy71b10.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA
45 clone IMAGE:278971 3', mRNA sequence.//0.004511193//63//N63303

R-HEMBA1003854//Homo sapiens mRNA; cDNA DKFZp564F133 (from clone
DKFZp564F133).//3.4e-72//310//80//AL049263

50 R-HEMBA1004193//tr01e08.x1 NCI_CGAP_Ov23 Homo sapiens cDNA clone IMAGE:2217062
3' similar to contains Alu repetitive element;contains element MER4 repetitive element ; mRNA sequence.//1.5e-33//186//81//AI914747

55 R-HEMBA1004860//qh16b06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone
IMAGE:1844819 3', mRNA sequence.//0.017//118//69//AI218308

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R-HEMBA1005572//wj16h05.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE: 2403033 3', mRNA sequence.//4.6e-111//522//99//AI861830

5 R-HEMBA1006038//DKFZp434E1117_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434E1117 5', mRNA sequence.//1.2e-22//295//72//AL041450

10 R-HEMBA1006092//qt30d09.x1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE: 1949489 3' similar to contains element PTR5 repetitive element ; mRNA sequence.//1.4e-87//422//98//AI337963

15 R-HEMBA1006406//Homo sapiens mRNA for KIAA0752 protein, partial cds.//4.1e-30//291-//76//AB018295

20 R-HEMBA1006650//H.sapiens mRNA for serine/threonine protein kinase EMK.//3.6e-09//319//62//X97630

R-HEMBA1006812//Human mRNA for KIAA0118 gene, partial cds.//3.1e-52//337//87//D42087

25 R-HEMBA100672//Homo sapiens mRNA; cDNA DKFZp434M011 (from clone DKFZp434M011).//3.2e-48//276//74//AL096734

30 R-HEMBA1001197//zt35b11.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:724317 5' similar to contains Alu repetitive element; mRNA sequence.//9.9e-44//275//88//AA410788

35 R-HEMBA1001871//wg20c02.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2365634 3', mRNA sequence.//6.3e-104//501//98//AI741321

40 R-MAMMA1001252//aa61h04.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE: 825463 3' similar to contains Alu repetitive element; contains element XTR repetitive element ; mRNA sequence.//9.0e-19//127//91//AA504355

R-MAMMA1002094//wd28h12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2329511 3', mRNA sequence.//2.5e-68//328//99//AI936520

45 R-NT2RM4000634//DKFZp434F2016_s1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434F2016 3', mRNA sequence.//8.2e-20//185//81//AL041146

50 R-NT2RM4000657//Homo sapiens mRNA for KIAA1069. protein, partial cds.//5.7e-62//335//94//AB028992

R-NT2RM4000783

55 R-NT2RM4000857//Human megakaryocyte stimulating factor mRNA, complete cds.//0.00074//360//61//U70136

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- R-NT2RM4001178//tk08e03.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE: 2150428 3', mRNA sequence.//0.77//96//62//AI457506
- 5 R-NT2RM4002420//wl58b04.x1 NCI_CGAP_Bm25 Homo sapiens cDNA clone IMAGE: 2429071 3', mRNA sequence.//2.4e-85//438//94//AI857508
- 10 R-NT2RP2000198//nx19b11.s1 NCI_CGAP_GC3 Homo sapiens cDNA clone IMAGE: 1256541 3', mRNA sequence.//1.9e-45//270//91//AA738352
- 15 R-NT2RP2000551//tg80h11.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE: 2115141 3', mRNA sequence.//3.3e-53//311//85//AI417680
- 20 R-NT2RP2000660//ns42a06.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE: 1186258 3', mRNA sequence.//4.3e-26//142//97//AA805691
- 25 R-NT2RP2001214//tw65g08.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2264606 3' similar to contains element MSR1 repetitive element ; mRNA sequence.//1.5e-57//289//97//AI680174
- 30 R-NT2RP2001460
- R-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3' similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence.//6.0e-13//85//96//AA427992
- 35 R-NT2RP2002056//yh26a12.s1 Soares_placenta_Nb2HP Homo sapiens cDNA clone IMAGE: 130846 3', mRNA sequence.//0.0016//208//65//R22302
- 40 R-NT2RP2002677//Homo sapiens mRNA for KIAA0524 protein, partial cds.//3.4e-26//339//71//AB011096
- 45 R-NT2RP2002755//qd50d10.x1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:1732915 3', mRNA sequence.//1.5e-26//419//66//AI190698
- 50 R-NT2RP2002843//at31f08.x1 Barstead_colon_HPLRB7 Homo sapiens cDNA clone IMAGE: 2373639 3' similar to contains L1.t1 L1 repetitive element,, mRNA sequence.//1.8e-45//463//74//AI749673
- 55 R-NT2RP2003101//ty24h05.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2280057 3', mRNA sequence.//7.5e-73//347//99//AI758824
- R-NT2RP2003799//Homo sapiens mRNA for KIAA0751 protein, complete cds.//0.0026//247//65//AB018294
- R-NT2RP2004095//zv08c02.s1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE: 753026 3' similar to contains element MER32 repetitive element ; mRNA sequence.//9.6e-

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07//188//66//AA436455

5 R-NT2RP2004732//tu60a07.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:
2255412 3' similar to contains Alu repetitive element;contains element L1 repetitive
element ; mRNA sequence.//4.3e-25//414//68//AI678956

10 R-NT2RP2004920//wd13h02.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:
2328051 3', mRNA sequence.//6.8e-91//483//93//AI694022

15 R-NT2RP2005454//yy77g09.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA
clone IMAGE:279616 3', mRNA sequence.//0.0070//325//59//N48302

R-NT2RP2005776//qq97d06.x1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone
IMAGE:1939307 3', mRNA sequence.//7.5e-08//89//82//AI338419

20 R-NT2RP2005806//wc29h01.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:
2316625 3' similar to contains MER2.b3 MER2 repetitive element ; mRNA sequence.//3.2e-
16//235//71//AI671398

25 R-NT2RP2005882//wo31f09.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:
2456969 3', mRNA sequence.//0.00095//352//59//AI925528

30 R-NT2RP3001282//wg35b03.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA
clone IMAGE:2367053 3', mRNA sequence.//1.7e-113//555//97//AI769199

35 R-NT2RP3001723//wo48e06.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:
2458594 3', mRNA sequence.//4.2e-98//471//98//AI926617

R-NT2RP3002099//DKFZp564L227_s1 564 (synonym: hfbr2) Homo sapiens cDNA clone
DKFZp564L227 3', mRNA sequence.//9.2e-50//329//87//AL037910

40 R-NT2RP3003155//zp07a07.s1 Stratagene ovarian cancer (#937219) Homo sapiens cDNA
clone IMAGE:595668 3', mRNA sequence.//1.4e-30//159//99//AA173172

45 R-NT2RP3004028//Homo sapiens protein kinase C-alpha mRNA, partial 3'
UTR.//0.43//66//75//AF035594

50 R-OVARC1000008//wa69e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone
IMAGE:2301454 3', mRNA sequence.//1.0e-77//376//98//AI699393

R-OVARC1000724//tf94b10.x1 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGE:
2106907 3', mRNA sequence.//0.71//27//100//AI380236

55 R-OVARC1000751//og93d04.s1 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGE:
1455847 3', mRNA sequence.//3.5e-13//274//63//AA863306

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R-OVARC1001029//yz96e02.r1 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:290906 5' similar to contains Alu repetitive element;contains element PTR5 repetitive element ; mRNA sequence//3.5e-13//175//74//N99464

5

R-PLACE1000814//tg49a08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE: 2112086 3' similar to contains LI.t2 L1 L1 repetitive element; mRNA sequence.//2.2e-18//285//69//AI424789

10

R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//4.0e-34//225//90//AF032387

15

R-PLACE1005549//tm26b11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE: 2157693 3', mRNA sequence.//0.91//127//66//AI480253

20

R-PLACE1007218//yq06e01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:196152 5' similar to contains Alu repetitive element;contains LTR4 repetitive element; mRNA sequence.//2.4e-36//245//87//R92256

25

Homology Search Result Data 12.

Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequences. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology, and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

30

C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//6.4E-99//457aa//45%//Q09996

35

C-HEMBA1000020//Homo sapiens beta 2 gene.//7.5E-264//1194bp//95%//X02344

40

C-HEMBA1000129//HYTOTHEICAL HELICASE C8A4.08C IN CHROMOSOME I.//3.8E-25//166aa//36%//Q09884

45

C-HEMBA1000201//Homo sapiensimRNA for integrase interactor 1b protein (INI1B) .//0//1612bp//99%//AJ011738

50

C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//1E-86//146aa//56%//Q61221

C-HEMBA1000231

C-HEMBA1000264

55

C-HEMBA1000280

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C-HEMBA1000282

5 C-HEMBA1000303//"Mus musculus Plenty of SH3s (POSH) mRNA, complete
cds."//7.1E-254//1440bp//87%//AF030131

10 C-HEMBA1000333//"Homo sapiens mRNA for KIAA0874 protein, partial cds."
//4.8E-253//1148bp//99%//AB020681

C-HEMBA1000351

15 C-HEMBA1000356//Homo sapiens mRNA; cDNA DKFZp566C243 (from clone
DKFZp566C243).//3.3E-287//815bp//98%//AL050274

C-HEMBA1000396

20 C-HEMBA1000411//ANKYRIN.//5.7E-12//127aa//38%//Q02357

C-HEMBA1000442

25 C-HEMBA1000456

C-HEMBA1000504

30 C-HEMBA1000518//PECANEX PROTEIN.//2.1E-19//227aa//38%//P18490

C-HEMBA1000519

35 C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.4E-44//292aa//36%//Q01755

40 C-HEMBA1000542//"Rattus norvegicus mRNA for dipeptidyl peptidase III, complete
cds."//2.2E-194//663bp//83%//D89340

C-HEMBA1000545

45 C-HEMBA1000557

C-HEMBA1000592//"Homo sapiens sorting nexin 6 (SNX6) mRNA, complete cds."
//0//1465bp//99%//AF121856

50 C-HEMBA1000594

C-HEMBA1000604

55 C-HEMBA1000622

C-HEMBA1000637

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- C-HEMBA1000655
- 5 C-HEMBA1000657//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds."//7.2E-156//1366bp//76%//U35776
- C-HEMBA1000749
- 10 C-HEMBA1000769
- C-HEMBA1000773
- 15 C-HEMBA1000774
- C-HEMBA1000822
- 20 C-HEMBA1000843
- C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1E-78//119aa//87%//P51689
- 25 C-HEMBA1000870
- C-HEMBA1000908
- 30 C-HEMBA1000934
- C-HEMBA1000972
- 35 C-HEMBA1000986
- C-HEMBA1000991
- 40 C-HEMBA1001008
- C-HEMBA1001059//"Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14."//4.8E-169//786bp//99%//U06088
- 45 C-HEMBA1001094
- C-HEMBA1001302//"Homo sapiens calcium binding protein precursor, mRNA, complete cds."//9.6E-258//682bp//94%//AF153686
- 55 C-HEMBA1001330
- C-HEMBA1001497

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- 5 C-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2)
(VAMP-2).//2.3E-53//110aa//100%//P19065
- C-HEMBA1001570
- 10 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.6E-
166//506aa//60%//P42803
- C-HEMBA1001640
- 15 C-HEMBA1001655
- C-HEMBA1001672//"Homo sapiens methyl-CpG binding domain-containing protein
MBD3 (MBD3) mRNA, complete cds."//0//1707bp//98%//AF072247
- 20 C-HEMBA1001711
- C-HEMBA1001723//"Rattus norvegicus G beta-like protein GBL mRNA, complete
25 cds."//4.7E-172//1240bp//81%//AF051155
- C-HEMBA1001746//"Homo sapiens squamous cell carcinoma antigen recognized by T
cell (SART-2) mRNA, complete cds."//7.6E-59//998bp//64%//AF098066
- 30 C-HEMBA1001781
- C-HEMBA1001804//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281)
35 mRNA, complete cds."//0//1637bp//99%//AF125158
- C-HEMBA1001822//"Mus musculus Ese2L protein mRNA, complete cds."//1.9E-
235//1329bp//89%//AF132479
- 40 C-HEMBA1001824
- C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
45 PRECURSOR (EC 2.4.1.-) (DUGT).//5.7E-51//234aa//41%//Q09332
- C-HEMBA1001910
- 50 C-HEMBA1001913//GCN20 PROTEIN.//2.3E-81//158aa//50%//P43535
- C-HEMBA1001921//"Homo sapiens germinal center kinase related protein kinase
55 mRNA, complete cds."//0//1850bp//99%//AF000145
- C-HEMBA1001939

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C-HEMBA1001950//"Homo sapiens mRNA for KIAA0971 protein, complete cds."
//0//1974bp//99%//AB023188

5 C-HEMBA1001967//"Homo sapiens NY-REN-57 antigen mRNA, partial cds."
//0//1721bp//99%//AF155114

10 C-HEMBA1002035//Homo sapiens mRNA; cDNA DKFZp586E0518 (from clone
DKFZp586E0518).//0//2149bp//99%//AL050089

15 C-HEMBA1002092//"Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA,
complete cds."//1.3E-271//1583bp//88%//U92703

C-HEMBA1002102//ANKYRIN.//4.40E-10//106aa//35%//Q02357

20 C-HEMBA1002150

C-HEMBA1002151//"Rattus norvegicus p34 mRNA, complete cds."//1.1E-
153//1059bp//82%//AF178669

25 C-HEMBA1002189

30 C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//2.2E-
199//392aa//89%//P47226

C-HEMBA1002229

35 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120
(PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//3.70E-
06//95aa//33%//P46087

40 C-HEMBA1002341//"Homo sapiens mRNA for KIAA0771 protein, partial cds."
//0//1514bp//99%//AB018314

45 C-HEMBA1002417//"Homo sapiens chromosome 19, cosmid R28784, complete
sequence."//1.4E-299//294bp//100%//AC005954

C-HEMBA1002547//"Homo sapiens agrin precursor mRNA, partial cds."
//0//1605bp//97%//AF016903

50 C-HEMBA1002703

C-HEMBA1002779

55 C-HEMBA1002816

C-HEMBA1002970

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C-HEMBA1002999//"Rattus norvegicus lamina associated polypeptide 1C (LAP1C)
 mRNA, complete cds."//1.4E-171//1552bp//75%//U20286
 5 C-HEMBA1003021
 C-HEMBA1003077//SLIT PROTEIN PRECURSOR.//2.6E-15//199aa//31%//P24014
 10 C-HEMBA1003079
 C-HEMBA1003273
 15 C-HEMBA1003304
 C-HEMBA1003309
 20 C-HEMBA1003376
 C-HEMBA1003384
 25 C-HEMBA1003531
 C-HEMBA1003548
 30 C-HEMBA1003556
 C-HEMBA1003571
 35 C-HEMBA1003579
 C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2E-
 40 73//526aa//32%//Q13105
 C-HEMBA1003692
 45 C-HEMBA1003720
 C-HEMBA1003725
 50 C-HEMBA1003729
 C-HEMBA1003758
 55 C-HEMBA1003773//"Mus musculus signal recognition particle receptor beta subunit
 mRNA, complete cds."//5.8E-81//511bp//86%//U17343

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C-HEMBA1003783//"Mus musculus bromodomain-containing protein BP75 mRNA, complete cds."//1.1E-190//1204bp//84%//AF084259

5 C-HEMBA1003799

C-HEMBA1003804

10 C-HEMBA1003805//"Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds."//0//988bp//95%//AF090402

15 C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%//P40484

C-HEMBA1003856

20 C-HEMBA1003866//"Mus musculus semaphorin VIa mRNA, complete cds."//1.2E-105//1192bp//70%//AF030430

C-HEMBA1003879

25 C-HEMBA1003880

C-HEMBA1003893

30 C-HEMBA1003908

C-HEMBA1003937

35 C-HEMBA1003942

C-HEMBA1003958

40 C-HEMBA1003976

45 C-HEMBA1003978//"Homo sapiens mRNA for KIAA0840 protein, partial cds."//0//1530bp//100%//AB020647

C-HEMBA1003985

50 C-HEMBA1004011

C-HEMBA1004024

55 C-HEMBA1004038

C-HEMBA1004045

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C-HEMBA1004048

5 C-HEMBA1004111//"Homo sapiens mRNA for KIAA1276 protein, partial cds."
//1.00E-163//751bp//99%//AB033102

C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//1.6E-166//416aa//72%//Q14141

10 C-HEMBA1004138

C-HEMBA1004143

15 C-HEMBA1004150

C-HEMBA1004168//"Homo sapiens geminin mRNA, complete cds."//3.9E-
20 208//951 bp//99%//AF067855

C-HEMBA1004200

C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.2E-30//208aa//37%//P51153

25 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.5E-12//258aa//29%//P40991

C-HEMBA1004238

30 C-HEMBA1004248//"Homo sapiens insulin induced protein 2 mRNA, complete
cds."//8.20E-175//552bp//97%//AF125392

35 C-HEMBA1004272

C-HEMBA1004274

40 C-HEMBA1004275//"Homo sapiens mRNA for KIAA1111 protein, partial cds."
//0//1341bp//99%//AB029034

C-HEMBA1004286//"Homo sapiens TGF beta receptor associated protein-1 mRNA,
45 complete cds."//0//1982bp//99%//AF022795

C-HEMBA1004312

50 C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.3E-
93//357aa//42%//Q99676

C-HEMBA1004323

55 C-HEMBA1004327

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C-HEMBA1004330

C-HEMBA1004341

5 C-HEMBA1004366

C-HEMBA1004372

10 C-HEMBA1004389//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281)
mRNA, complete cds."//0//1437bp//99%//AF125158

15 C-HEMBA1004394

C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE)
(ROTAMASE) (CYCLOPHILIN-10).//3.2E-32//148aa//52%//P52017

20 C-HEMBA1004429

C-HEMBA1004460

25 C-HEMBA1004461

C-HEMBA1004502

30 C-HEMBA1004554

C-HEMBA1004560

35 C-HEMBA1004610

C-HEMBA1004629

40 C-HEMBA1004632

C-HEMBA1004637

45 C-HEMBA1004670

C-HEMBA1004672

50 C-HEMBA1004697

C-HEMBA1004711

55 C-HEMBA1004725

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C-HEMBA1004730

5 C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19)
(UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42)//9.9E-
39//143aa//52%//P42743

10 C-HEMBA1004751

C-HEMBA1004752

15 C-HEMBA1004889//"Human C3f mRNA, complete cds."//6.70E-
24//341aa//26%//J72515

C-HEMBA1004934

20 C-HEMBA1004944

C-HEMBA1004973

25 C-HEMBA1004977

C-HEMBA1005009//"Homo sapiens BAF53a (BAF53a) mRNA, complete cds."
//0//1813bp//99%//AF041474

30 C-HEMBA1005083

35 C-HEMBA1005113

C-HEMBA1005133

40 C-HEMBA1005185

C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.3E-10//189aa//25%//P39929

45 C-HEMBA1005252//"Homo sapiens mRNA for KIAA0585 protein, partial cds."
//1.2E-268//1215bp//99%//AB011157

C-HEMBA1005296

50 C-HEMBA1005314

C-HEMBA1005331

55 C-HEMBA1005394

C-HEMBA1005403

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C-HEMBA1005423//"Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C)
 mRNA, complete cds."//2E-213//537bp//99%//AF041248
 5 C-HEMBA1005468
 C-HEMBA1005469
 10 C-HEMBA1005474
 C-HEMBA1005517
 15 C-HEMBA1005518
 C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//3.1E-154//285aa//99%//Q60809
 20 C-HEMBA1005558//NUCLEAR PROTEIN SNF7.//6.40E-16//170aa//31%//P39929
 C-HEMBA1005576//"Homo sapiens mRNA for KIAA0463 protein, partial cds."
 25 //1.1E-181//835bp//99%//AB007932
 C-HEMBA1005582//"TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II)
 (CYTOSKELETAL TROPOMYOSIN)."//0.00000009//213aa//27%//P09492
 30 C-HEMBA1005583
 C-HEMBA1005595//"DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC)."//2.3E-
 35 54//562aa//29%//P34036
 C-HEMBA1005609//Homo sapiens mRNA; cDNA DKFZp564K133 (from clone
 DKFZp564K133).//2.2e-315//1448bp//99%//AL050012
 40 C-HEMBA1005621//"Homo sapiens Mad2B protein (MAD2B) mRNA, complete
 cds."//2.9E-224//1031bp//99%//AF139365
 45 C-HEMBA1005666
 C-HEMBA1005680
 50 C-HEMBA1005685
 C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B
 REGULATORY SUBUNIT).//4.4E-17//167aa//34%//P25296
 55 C-HEMBA1005746

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C-HEMBA1005755

C-HEMBA1005813

5 C-HEMBA1005822

C-HEMBA1005834

10 C-HEMBA1005884

C-HEMBA1005891

15 C-HEMBA1005909

C-HEMBA1005911

20 C-HEMBA1005931

C-HEMBA1005963

25 C-HEMBA1005991

C-HEMBA1006005

30 C-HEMBA1006031//"Homo sapiens mRNA for putative phospholipase, complete
cds."//0//1413bp//99%//AB019435

35 C-HEMBA1006067

C-HEMBA1006081

40 C-HEMBA1006091

C-HEMBA1006100

45 C-HEMBA1006108//"Homo sapiens mRNA for KIAA0943 protein, partial cds."
//4.8E-245//764bp//99%//AB023160

C-HEMBA1006121

50 C-HEMBA1006130//SEL-10 PROTEIN.//0.000000043//219aa//25%//Q93794

C-HEMBA1006155

55 C-HEMBA1006158//"Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene,
complete cds."//0//1551bp//99%//AF048693

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C-HEMBA1006182

5 C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.9E-19//215aa//39%//P05142

10 C-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence.//0//1615bp//99%//AF070557

15 C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR.//0.00000002//62aa//53%//P42698

C-HEMBA1006259

20 C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-)//1.3E-123//200aa//73%//P10265

25 C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//1E-210//490aa//77%//P25500

30 C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2.//0.000000012//176aa//30%//P32505

C-HEMBA1006284

35 C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-)//4.2E-12//215aa//23%//P70473

C-HEMBA1006293

40 C-HEMBA1006309//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//1.4E-48//248aa//43%//P38821

C-HEMBA1006349

45 C-HEMBA1006364

C-HEMBA1006381

50 C-HEMBA1006398//"Human L1 element L1.6 putative p150 gene, complete cds." //2E-277//1729bp//85%//U93563

55 C-HEMBA1006445//"Homo sapiens putative tumor supressor NOEY2 mRNA, complete cds." //1.4E-270//1224bp//100%//U96750

C-HEMBA1006483

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C-HEMBA1006492

5 C-HEMBA1006497

C-HEMBA1006502

10 C-HEMBA1006507//"Homo sapiens mRNA for KIAA0666 protein, partial cds."
//0//2334bp//99%//AB014566

C-HEMBA1006535

15 C-HEMBA1006559//"Mus musculus PRAJA1 (Praja1) mRNA, complete cds."
//2.8E-206//1107bp//83 %//U06944

20 C-HEMBA1006566

C-HEMBA1006579

25 C-HEMBA1006583

C-HEMBA1006612

30 C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN
HOMOLOG.//0.00000069//109aa//38%//Q58323

C-HEMBA1006643

35 C-HEMBA1006674

C-HEMBA1006682

40 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN
PMC1-TFG2 INTERGENIC REGION.//3.3E-22//241aa//31%//P53196

45 C-HEMBA1006717

C-HEMBA1006744

50 C-HEMBA1006754

C-HEMBA1006767

55 C-HEMBA1006789

C-HEMBA1006832

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5 C-HEMBA1006885//"Homo sapiens gene for Proline synthetase associated, complete
cds."//0//1467bp//96%//AB018566

C-HEMBA1006900

C-HEMBA1006926

10 C-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein.//1.8E-
226//1039bp//99%//AJ010841

15 C-HEMBA1006973//"Homo sapiens rab3-GAP regulatory domain mRNA, complete
cds."//5.6E-143//740bp//94%//AF004828

C-HEMBA1006993

20 C-HEMBA1007002

C-HEMBA1007062

25 C-HEMBA1007080

C-HEMBA1007087//HYPOTHETICAL PROTEIN MJ0162.//2E-45//304aa//32%//Q57626

30 C-HEMBA1007112//Homo sapiens mRNA; cDNA DKFZp586C1817 (from clone
DKFZp586C1817).//0//1619bp//99%//AL117450

35 C-HEMBA1007194//"Homo sapiens origin recognition complex subunit 6 (ORC6)
mRNA, complete cds."//0//1588bp//99%//AF139658

C-HEMBA1007206

40 C-HEMBA1007256

C-HEMBA1007267

45 C-HEMBA1007281

C-HEMBA1007300//"Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1
50 (PDE10A) mRNA, splice variant 1, complete cds."//0//1519bp//99%//AF127479

C-HEMBA1007301

55 C-HEMBA1007319

C-HEMBA1007320

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C-HEMBA1007327

5 C-HEMBA1007347

C-HEMBB1000005

10 C-HEMBB1000030

C-HEMBB1000048

15 C-HEMBB1000099

C-HEMBB1000141

20 C-HEMBB1000198

C-HEMBB1000217//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1)
mRNA, complete cds."//0//1038bp//99%//AF090385

25 C-HEMBB1000218

C-HEMBB1000274

30 C-HEMBB1000312

C-HEMBB1000402

35 C-HEMBB1000420

C-HEMBB1000480

40 C-HEMBB1000530

C-HEMBB1000550

45 C-HEMBB1000556//"Homo sapiens mRNA for KIAA0750 protein, complete cds."
//6.3E-74//1213bp//64%//AB018293

50 C-HEMBB1000586

C-HEMBB1000592

55 C-HEMBB1000593//"Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA,
complete cds."//1.3E-107//503bp//99%//AF067864

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C-HEMBB1000649

5 C-HEMBB1000693//"Homo sapiens neuroan1 mRNA, complete cds."
//0//2952bp//94%//AF040723

C-HEMBB1000822

10 C-HEMBB1000826

C-HEMBB1000890

15 C-HEMBB1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-)
./1.10E-08//129aa//31%//P29122

C-HEMBB1001008

20 C-HEMBB1001020//"Homo sapiens mRNA for KIAA0889 protein, complete cds."
//0//1812bp//98%//AB020696

25 C-HEMBB1001051

C-HEMBB1001112//"Homo sapiens sec61 homolog mRNA, complete cds."//6E-
145//961bp//83%//AF077032

30 C-HEMBB1001221

35 C-HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.4E-
93//196aa//54%//P46938

C-HEMBB1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//7E-
43//394aa//34%//P16157

40 C-HEMBB1001302

C-HEMBB1001335

45 C-HEMBB1001337

C-HEMBB1001356

50 C-HEMBB1001364

C-HEMBB1001366

55 C-HEMBB1001367

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C-HEMBB1001527
 C-HEMBB1001537
 5 C-HEMBB1002359
 C-HEMBB1002415
 10 C-HEMBB1002457
 C-HEMBB1002492
 15 C-HEMBB1002495
 C-HEMBB1002502
 20 C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5E-28//266aa//33%//P27544
 C-HEMBB1002600//"Homo sapiens tetraspan NET-5 mRNA, complete cds."
 25 //0//1417bp//99%//AF089749
 C-HEMBB1002607//"Homo sapiens vitamin D3 receptor interacting protein (DRIP80)
 mRNA, complete cds."//2E-136//660bp//98%//AF105421
 30 C-HEMBB1002684
 C-HEMBB1002692
 35 C-HEMBB1002697
 C-HEMBB1002705//"Homo sapiens CGI-27 protein mRNA, complete cds."
 40 //7.80E-285//841bp//96%//AF132961
 C-MAMMA1000019
 45 C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FM05).//8.2E-
 198//868bp//99%//Z47553
 C-MAMMA1000025
 50 C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.5E-
 90//323aa//48%//P47226
 55 C-MAMMA1000069
 C-MAMMA1000084

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C-MAMMA1000139

5 C-MAMMA1000163

C-MAMMA1000171

10 C-MAMMA1000173//"Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete cds."//2.6E-164//1044bp//87%//AF197060

C-MAMMA1000277

15 C-MAMMA1000278

C-MAMMA1000284//P.walti mRNA for mp associated protein 55.//2.2E-109//864bp//76%//X99836

20 C-MAMMA1000309

25 C-MAMMA1000312

C-MAMMA1000313

30 C-MAMMA1000361

C-MAMMA1000388//"Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds."//0//1466bp//99%//AB015132

35 C-MAMMA1000395

C-MAMMA1000410

40 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//53%//Q09232

45 C-MAMMA1000421

C-MAMMA1000422

50 C-MAMMA1000468

C-MAMMA1000472

55 C-MAMMA1000490

C-MAMMA1000524

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C-MAMMA1000567

5 C-MAMMA1000612//"Rattus norvegicus G beta-like protein GBL mRNA, complete
cds."//1E-95//1115bp//72%//AF051155

C-MAMMA1000623

10 C-MAMMA1000625//GYP7 PROTEIN.//2.1E-41//198aa//40%//P48365

C-MAMMA1000664

15 C-MAMMA1000670

C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.-)
20 .//4.4E-33//250aa//33%//P42660

C-MAMMA1000713//L-RIBULOKINASE (EC 2.7.1.16).//7.70E-17//246aa//29%//P94524

25 C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1).//1E-
77//395aa//45%//O14646

C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein.//0//1587bp//99%//AJ011779

30 C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME
I.//9E-299//1033aa//55%//P87115

35 C-MAMMA1000746

C-MAMMA1000775

40 C-MAMMA1000824//ACTIN.//6.2E-20//284aa//28%//P53500

C-MAMMA1000831

45 C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4).//7.8E-40//101aa//54%//O27540

C-MAMMA1000842

50 C-MAMMA1000843

C-MAMMA1000856

55 C-MAMMA1000865

C-MAMMA1000875

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C-MAMMA1000906

5 C-MAMMA1000908

C-MAMMA1000914

10 C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8.//0//1767bp//99%//AJ250711

C-MAMMA1000968

15 C-MAMMA1000979

C-MAMMA1001008//"Homo sapiens aspartic-like protease mRNA, complete cds." //2.50E-276//1263bp//99%//AF117892

20 C-MAMMA1001021

C-MAMMA1001041//"SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1)." //1.6E-16//113aa//41%//Q01082

25 C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5.//0//1440bp//99%//AJ237946

30 C-MAMMA1001075//"Homo sapiens CGI-72 protein mRNA, complete cds." //1.3E-181//397bp//98%//AF151830

35 C-MAMMA1001078

C-MAMMA1001091

40 C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//4E-49//125aa//68%//P51521

C-MAMMA1001110

45 C-MAMMA1001126

C-MAMMA1001139//SRE-2 PROTEIN.//5.80E-35//239aa//38%//Q09273

50 C-MAMMA1001143

C-MAMMA1001154

55 C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.//1.30E-07//81aa//45%//Q92338

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C-MAMMA1001215

C-MAMMA1001244

5 C-MAMMA1001259//"Mus musculus F-box protein FBX18 mRNA, partial cds."
//2.3E-271//1414bp//89%//AF184275

10 C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME
III.//2.1E-52//630aa//30%//P34537

C-MAMMA1001343

15 C-MAMMA1001411//Homo sapiens mRNA; cDNA DKFZp56400823 (from clone
DKFZp56400823).//0//2131bp//99%//AL080121

20 C-MAMMA1001419

C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE)
(FRAGMENT).//6.5E-129//260aa//92%//P52623

25 C-MAMMA1001510

C-MAMMA1001522

30 C-MAMMA1001576//"Human gamma-tubulin mRNA, complete cds."//7.5E-
276//1561bp//90%//M61764

35 C-MAMMA1001604

C-MAMMA1001620

40 C-MAMMA1001635

C-MAMMA1001649

45 C-MAMMA1001686

C-MAMMA1001692

50 C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR).//8.5E-
32//171aa//36%//P21573

55 C-MAMMA1001754//"Homo sapiens CGI-11 protein mRNA, complete cds."
//0//1837bp//98%//AF132945

C-MAMMA1001757

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C-MAMMA1001764

5 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.8E-45//351aa//38%//Q58556

10 C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991

C-MAMMA1001790

15 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.6E-77//507aa//38%//Q07230

C-MAMMA1001858

20 C-MAMMA1001868//TRICHOHYALIN.//2.7E-19//359aa//25%//P22793

C-MAMMA1001970

25 C-MAMMA1002042

C-MAMMA1002068

30 C-MAMMA1002153

C-MAMMA1002156

35 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6E-66//157aa//70%//P15880

C-MAMMA1002174

40 C-MAMMA1002209

45 C-MAMMA1002219//"Homo sapiens mRNA for KIAA1067 protein, partial cds." //1.1E-181//861bp//98%//AB028990

C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR).//8.8E-217//310aa//86%//P70541

50 C-MAMMA1002243

55 C-MAMMA1002268//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds." //1E-190//1624bp//76%//AF068748

C-MAMMA1002269

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C-MAMMA1002292

C-MAMMA1002294

5 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.1E-214//881bp//97%//AJ011679

10 C-MAMMA1002312

C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991

15 C-MAMMA1002333

C-MAMMA1002351//FERRIPYOCHELIN BINDING PROTEIN.//0.000078//127aa//26%//P40882

20 C-MAMMA1002353

C-MAMMA1002355

25 C-MAMMA1002356

C-MAMMA1002362

30 C-MAMMA1002380

C-MAMMA1002384

35 C-MAMMA1002427

C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(⁺) SYNTHETASE (EC 6.3.5.1).//1E-11//128aa//36%//P47623

40 C-MAMMA1002485//"Homo sapiens stanniocalcin-related protein mRNA, complete cds."//0//1822bp//99%//AF098462

45 C-MAMMA1002494

C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//1.2E-34//337aa//31%//P43571

50 C-MAMMA1002530//"Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds."//0//1910bp//99%//AF065214

55 C-MAMMA1002554

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C-MAMMA1002585//"Homo sapiens mRNA for KIAA0860 protein, complete cds."
//0//1405bp//99%//AB020667

5 C-MAMMA1002598

C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3
(EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING
10 PROTEASE) (DEUBIQUITINATING ENZYME).//9.5E-16//159aa//37%//Q09931

C-MAMMA1002655//"Homo sapiens mRNA for ganglioside sialidase, complete
15 cds."//0//1515bp//99%//AB008185

C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA
LIGASE) (ACYL- ACTIVATING ENZYME).//1.1E-45//618aa//26%//P27550

20 C-MAMMA1002673

C-MAMMA1002684//"Homo sapiens mRNA for KIAA0214 protein, complete cds."
25 //0//3174bp//99%//D86987

C-MAMMA1002711

C-MAMMA1002769//"Homo sapiens cell cycle progression restoration 8 protein (CPR8)
30 mRNA, complete cds."//2.2E-25//330bp//77%//AF011794

C-MAMMA1002775

35 C-MAMMA1002782

C-MAMMA1002796

40 C-MAMMA1002807

C-MAMMA1002838

45 C-MAMMA1002842//"Mus musculus c-Cb1 associated protein CAP mRNA, complete
cds."//2.6E-58//373bp//81%//U58883

C-MAMMA1002869//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS
50 PROTEIN).//1.4E-160//305aa//85%//P48059

C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN)
55 //5.7E-30//214aa//35%//P48060

C-MAMMA1002886

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C-MAMMA1002890

5 C-MAMMA1002938//"Homo sapiens mRNA for KIAA0698 protein, complete cds."
//8.4E-252//1139bp//100%//AB014598

C-MAMMA1002964

10 C-MAMMA1003011//HESTONE MACRO-H2A.1//2.7E-123//370aa//66%//Q02874

C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7)//7.4E-46//332aa//36%//P06746

15 C-MAMMA1003015

C-MAMMA1003019

20 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC
4.2.1.70) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE)//1.9E-
13//108aa//33%//P23851

25 C-MAMMA1003039

C-MAMMA1003044

30 C-MAMMA1003049

C-MAMMA1003056

35 C-MAMMA1003057//MD6 PROTEIN//3.1E-225//419aa//97%//Q60584

C-MAMMA1003066

40 C-MAMMA1003099

C-MAMMA1003104

45 C-MAMMA1003113//"Mus musculus COP9 complex subunit 7a (COPS7a) mRNA,
complete cds."//1.1E-234//1178bp//86%//AF071316

C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA)//2.2E-105//217aa//89%//P46735

50 C-MAMMA1003135

C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein//4.3E-218//996bp//99%//Y15062

55 C-MAMMA1003150//"Homo sapiens mRNA for KIAA1096 protein, partial cds."
//0//1342bp//99%//AB029019

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- 5 C-MAMMA1003166//"Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds."//3.10E-158//592bp//97%//AF123052
- C-NT2RM1000032
- 10 C-NT2RM1000035//"Human mRNA for KIAA0199 gene, partial cds." //0//2948bp//99%//D83782
- C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-) (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596
- 15 C-NT2RM1000055//"Homo sapiens mRNA for KIAA0829 protein, partial cds." //0//3111bp//99%//AB020636
- 20 C-NT2RM1000059
- C-NT2RM1000062
- 25 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
- 30 C-NT2RM1000119
- C-NT2RM1000127
- 35 C-NT2RM1000131//"Homo sapiens mRNA for KIAA0792 protein, complete cds." //0//2980bp//99%//AB018335
- 40 C-NT2RM1000132//"Homo sapiens NADH:ubiquinone oxidoreductas NDUFS6 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds." //7.8E-110//516bp//99%//AF044959
- 45 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.3E-38//469aa//27%//P49902
- 50 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
- C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//1.1E-10//94aa//47%//042643
- 55 C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene) .//0//2476bp//99%//AJ245820

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- 5 C-NT2RM1000244//"Homo sapiens TRAF4 associated factor 1 mRNA, partial cds."//2E-126//592bp//99%//U81002
- C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.7E-35//569bp//64%//X73882
- 10 C-NT2RM1000256//"Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds."//0//3012bp//99%//AB016789
- C-NT2RM1000260//"Human mRNA for KIAA0130 gene, complete cds."//0//3139bp//98%//D50920
- 15 C-NT2RM1000271
- C-NT2RM1000300
- 20 C-NT2RM1000314//"Human mRNA for KIAA0159 gene, complete cds."//0//4349bp//99%//D63880
- 25 C-NT2RM1000354//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds."//7.4E-245//2101bp//68%//AF111423
- 30 C-NT2RM1000355//"Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds."//0//1599bp//99%//AF152462
- C-NT2RM1000365
- 35 C-NT2RM1000377//"Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds."//3.2E-196//1016bp//94%//AF179212
- C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.000000019//67aa//31%//P53915
- 40 C-NT2RM1000399
- 45 C-NT2RM1000430//"Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds."//1.4E-185//1486bp//81%//AF084928
- 50 C-NT2RM1000555//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//AB020692
- C-NT2RM1000563//TRANSMISSION-BLOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//30%//Q08372
- 55 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-)//8.5E-75//301aa//39%//P43636

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- 5 C-NT2RM1000661//"Homo sapiens translation initiation factor 4e mRNA, complete cds."//4.3E-210//960bp//99%//AF038957
- C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.2E-09//165aa//34%//P16989
- 10 C-NT2RM1000672
- C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440
- 15 C-NT2RM1000699
- C-NT2RM1000741//"Homo sapiens mRNA for KIAA0567 protein, partial cds."//1.1E-295//1338bp//99%//AB011139
- 20 C-NT2RM1000742//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//AF027208
- 25 C-NT2RM1000746//"Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete cds."//6.70E-227//1043bp//99%//AF141310
- C-NT2RM1000770//DXS6673E PROTEIN.//1.4E-39//194aa//48%//Q14202
- 30 C-NT2RM1000772//VEGETATTOLE INCOMPATIBILITY PROTEIN HET-E-1.//7.3E-15//280aa//27%//Q00808
- 35 C-NT2RM1000780
- C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.1E-98//571bp//89%//Z97207
- 40 C-NT2RM1000802
- C-NT2RM1000811//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//AF027208
- 45 C-NT2RM1000826//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//AB020692
- 50 C-NT2RM1000829
- C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//9.7E-42//333aa//36%//P16157
- 55 C-NT2RM1000852//"Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA, complete cds."//0//2206bp//99%//AF077033

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- 5 C-NT2RM1000857//"Homo sapiens mRNA for KIAA0962 protein, partial cds."
//0//3716bp//99%//AB023179
- C-NT2RM1000874//"Homo sapiens death effector domain-containing testicular
molecule mRNA, complete cds."//1.4E-244//1113bp//99%//AF043733
- 10 C-NT2RM1000882//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete
cds."//4.30E-122//1394bp//69%//AF126799
- 15 C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME
III.//1.8E-56//630aa//30%//P34537
- C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC
2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700
- 20 C-NT2RM1000898//"ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR)."//8.9E-
26//229aa//29%//P02583
- 25 C-NT2RM1000905//"Homo sapiens HSPC021 mRNA, complete cds."
//0//1480bp//99%//AF077207
- 30 C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1E-
15//266aa//26%//P46577
- C-NT2RM1000927
- 35 C-NT2RM1000962
- C-NT2RM1000978
- 40 C-NT2RM1001003//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA,
complete cds."//0//2230bp//99%//AF030233
- 45 C-NT2RM1001043
- C-NT2RM1001066
- 50 C-NT2RM1001072//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-
GAMMA-1) (PLC-II) (PLC-148)."//8.3E-47//259aa//35%//P08487
- 55 C-NT2RM1001085//"Rattus norvegicus brain specific cortactin-binding protein CBP90
mRNA, partial cds."//3.7E-32//460bp//64%//AF053768
- C-NT2RM1001102//"Human HEM45 mRNA, complete cds."//2.3E-

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27//482bp//63%//U88964

C-NT2RM1001105

5

C-NT2RM1001139//Homo sapiens mRNA; cDNA DKFZp564F0522 (from clone DKFZp564F0522)//0//1756bp//99%//AL049943

10

C-NT2RM2000420

C-NT2RM2000566//"Homo sapiens integrin alpha-7 mRNA, complete cds." //0//2519bp//96%//AF032108

15

C-NT2RM2000609

20

C-NT2RM2000612//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds." //2.6E-106//1069bp//74%//U35776

C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//2.9E-103//249aa//73%//P28160

25

C-NT2RM2001588

30

C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein.//0//3114bp//99%//AJ132440

C-NT2RM2001613//"Homo sapiens sec61 homolog mRNA, complete cds." //0//2601bp//99%//AF084458

35

C-NT2RM2001632//KES 1 PROTEIN.//1.40E-31//342aa//34%//P35844

C-NT2RM2001648//"Homo sapiens sec61 homolog mRNA, complete cds." //0//2421bp//99%//AF084458

40

C-NT2RM2001652//"Homo sapiens guanine nucleotide exchange factor mRNA, complete cds." //0//2608bp//99%//AF111162

45

C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN.//3.4E-39//161aa//34%//P20107

C-NT2RM2001664//"Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds." //0//2471bp//99%//AF044195

50

C-NT2RM2001668//"Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in intron 11, complete cds." //6.2E-16//464bp//62%//AF083391

55

C-NT2RM2001671//"Orctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds." //0//1843bp//94%//U21155

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C-NT2RM2001675

5 C-NT2RM2001681

C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//4.60E-20//253aa//30%//Q09674

10 C-NT2RM2001695//Homo sapiens clone H63 unknown mRNA.//0//2016bp//99%//AF103804

C-NT2RM2001696

15 C-NT2RM2001698//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//6.2E-253//1170bp//99%//AB028600

20 C-NT2RM2001700//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD) (FRAGMENT)."//5.7E-130//536aa//49%//P50544

C-NT2RM2001716

25 C-NT2RM2001723

C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//7.2E-16//381aa//27%//Q09931

30 C-NT2RM2001743//"Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds."//0//1498bp//99%//AF011792

35 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//8.8E-11//119aa//36%//Q92609

40 C-NT2RM2001760//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2379bp//99%//AF084458

C-NT2RM2001768

45 C-NT2RM2001771//ZINC FINGER PROTEIN 135.//6.4E-154//394aa//64%//P52742

C-NT2RM2001782//"Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds."//0//1470bp//99%//AF135422

50 C-NT2RM2001784

55 C-NT2RM2001785//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2146bp//99%//AL050118

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C-NT2RM2001813

5 C-NT2RM2001823//CHD1 PROTEIN.//1.8E-106//631aa//39%//P32657

C-NT2RM2001839//"Homo sapiens calumein (Calu) mRNA, complete cds."
//0//2415bp//97%//AF013759

10 C-NT2RM2001840

C-NT2RM2001855

15 C-NT2RM2001867//"Homo sapiens mRNA for KIAA0943 protein, partial cds."
//0//967bp//99%//AB023160

C-NT2RM2001879

20 C-NT2RM2001983//"Homo sapiens RGS-GAIP interacting protein GIPC mRNA,
complete cds."//0//1658bp//98%//AF089816

25 C-NT2RM2002145//"Homo sapiens erythroblast macrophage protein EMP mRNA,
complete cds."//8.5E-191//1524bp//81%//AF084928

C-NT2RM4000027

30 C-NT2RM4000030//LAS1 PROTEIN.//5.6E-12//184aa//32%//P36146

C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN).//0.000008//112aa//31%//Q06003

35 C-NT2RM4000155//"THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3)
(THREONINE-TRNA LIGASE) (THRRS)."//1.2E-157//321aa//61%//P26639

40 C-NT2RM4000156//H.sapiens HPBR11-7 gene.//3.6E-21//785bp//60%//X67336

C-NT2RM4000167//"Homo sapiens kinesin superfamily motor KIF4 mRNA, complete
cds."//0//1946bp//99%//AF071592

45 C-NT2RM4000199

C-NT2RM4000200

50 C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2).//4.9E-32//170aa//41%//Q16600

55 C-NT2RM4000233//"Mus musculus semaphorin VIa mRNA, complete cds."//3.4E-
231//1395bp//86%//AF030430

C-NT2RM4000244

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C-NT2RM4000251

5 C-NT2RM4000265

C-NT2RM4000324

10 C-NT2RM4000327

C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17.//5.9E-80//213aa//75%//P35292

15 C-NT2RM4000425

C-NT2RM4000433//"Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds."//4.1E-271//2085bp//77%//AF062476

20 C-NT2RM4000514

C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29).//2.4E-89//389aa//43%//007230

25 C-NT2RM4000532

C-NT2RM4000534

30 C-NT2RM4000603

C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.9E-09//108aa//31%//Q00808

35 C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//2.7E-146//420aa//60%//P27550

40 C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL1374.//1.2E-28//180aa//30%//P74168

C-NT2RM4000689

45 C-NT2RM4000698

C-NT2RM4000700

50 C-NT2RM4000712//"Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds."//1E-136//1104bp//77%//AF022789

55 C-NT2RM4000717

C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR

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RHO.//0.00000041//207aa//29%//P52154

5 C-NT2RM4000734//"Homo sapiens mRNA for KIAA0760 protein, partial cds."
//0//2273bp//99%//AB018303

10 C-NT2RM4000741//"Homo sapiens hSGT1 mRNA for hSgt1p, complete cds."
//0//2184bp//99%//D88208

C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.9E-
125//301aa//53%//Q99676

15 C-NT2RM4000764

C-NT2RM4000778

20 C-NT2RM4000787

C-NT2RM4000790

25 C-NT2RM4000795//"Homo sapiens mRNA for KIAA0951 protein, complete cds."
//0//1847bp//96%//AB023168

30 C-NT2RM4000796

C-NT2RM4000798//"Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange
protein 2 mRNA, complete cds."//0//2603bp//99%//AF084521

35 C-NT2RM4000813

C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC
3.6.1.34) (V-ATPASE AC45 SUBUNIT).//1.10E-24//138aa//44%//P40682

40 C-NT2RM4000833

C-NT2RM4000848

45 C-NT2RM4000852

C-NT2RM4000855

50 C-NT2RM4000887

C-NT2RM4000895

55 C-NT2RM4000950

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C-NT2RM4000979

5 C-NT2RM4001002//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518).//0//2259bp//100%//AL050092

C-NT2RM4001032

10 C-NT2RM4001047//M025 PROTEIN.//8E-140//333aa//80%//Q06138

C-NT2RM4001054//"Homo sapiens sec61 homolog mRNA, complete cds."//3.1E-190//1315bp//81%//AF077032

15 C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000032//165aa//33%//Q09820

20 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//5.9E-86//292aa//48%//Q09417

25 C-NT2RM4001140//HOMEOD PROTEIN MSH-D.//1E-11//103aa//38%//Q01704

C-NT2RM4001151

30 C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//4.1E-197//445aa//78%//Q27969

C-NT2RM4001160

35 C-NT2RM4001187

C-NT2RM4001191//"Homo sapiens clone 24963 mRNA sequence, complete cds."//0//1950bp//99%//AF131737

40 C-NT2RM4001200//ZINC FINGER PROTEIN 135.//9.5E-135//375aa//60%//P52742

45 C-NT2RM4001203//"Homo sapiens mRNA for KIAA0839 protein, partial cds."//0//3047bp//99%//AB020646

C-NT2RM4001204//"Homo sapiens mRNA for KIAA1089 protein, partial cds."//0//2349bp//99%//AB029012

50 C-NT2RM4001217//"Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds."//7.3E-148//1409bp//72%//AF059611

55 C-NT2RM4001256//"Xenopus laevis putative Zic3 binding protein mRNA, complete cds."//4.30E-55//289bp//77%//AF129131

C-NT2RM4001258

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C-NT2RM4001309

5 C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-LIKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-3-KINASE) (PI3K).//3.50E-35//124aa//65%/P54676

10 C-NT2RM4001316//"ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3) (MCAD)."//2.3E-31//334aa//30%/P08503

15 C-NT2RM4001320//"Homo sapiens mRNA for Neuroblastoma, complete cds." //1.8E-39//728bp//64%/D89016

C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//1E-28//171aa//37%/P32626

20 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//8.1E-30//265aa//33%/P53742

25 C-NT2RM4001347//"Homo sapiens NY-REN-25 antigen mRNA, partial cds." //0//2300bp//99%/AF155103

30 C-NT2RM4001371//"Homo sapiens IDN3 mRNA, partial cds." //0//2524bp//99%/AB019494

C-NT2RM4001382//"Homo sapiens RanBP7/importin 7 mRNA, complete cds." //2.2E-237//1079bp//99%/AF098799

35 C-NT2RM4001384

C-NT2RM4001410

40 C-NT2RM4001411//"Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds." //0//1962bp//87%/AF020526

45 C-NT2RM4001412//"Homo sapiens nGAP mRNA, complete cds." //0//1918bp//99%/AF047711

C-NT2RM4001414

50 C-NT2RM4001437

C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//1.4E-118//444aa//46%/P73505

55 C-NT2RM4001454

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C-NT2RM4001455

5 C-NT2RM4001483//ZINC FINGER PROTEIN 136.//5.1E-106//357aa//55%//P52737

C-NT2RM4001489//"Homo sapiens mRNA for KIAA0685 protein, complete cds."
//0//1810bp//99%//AB014585

10 C-NT2RM4001522

C-NT2RM4001557//"Homo sapiens mRNA for KIAA1040 protein, partial cds."
//0//1547bp//97%//AB028963

15 C-NT2RM4001565

C-NT2RM4001566//"Homo sapiens mRNA for KIAA1114 protein, complete cds."
20 //0//1900bp//99%//AB029037

C-NT2RM4001582//"Mus musculus COP9 complex subunit 7b (COPS7b) mRNA,
complete cds."//1.5E-284//1082bp//90%//AF071317

25 C-NT2RM4001592//"Homo sapiens mRNA for KIAA1122 protein, partial cds."
//0//2170bp//99%//AB032948

30 C-NT2RM4001594

C-NT2RM4001597//M.musculus red-1 gene.//2.1E-171//1414bp//78%//X92750

35 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//2.6E-
32//203aa//39%//Q12600

C-NT2RM4001629//"MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS,
40 LARGE HOMOLOG 3)."//1.5E-93//278aa//38%//Q13368

C-NT2RM4001650

45 C-NT2RM4001662

C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC
REGION.//2.7E-84//410aa//42%//P37339

50 C-NT2RM4001682

C-NT2RM4001710

55 C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//8.9E-141//354aa//72%//Q14141

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C-NT2RM4001715

5 C-NT2RM4001731//"Homo sapiens mRNA for KIAA1004 protein, partial cds."
//0//1922bp//100%//AB023221

C-NT2RM4001746

10 C-NT2RM4001754

C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.1.-)
//4.1E-186//639aa//58%//Q05512

15 C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1).//7.9E-66//311aa//35%//Q03164

C-NT2RM4001810//"Homo sapiens mRNA for KIAA0863 protein, complete cds."
20 //0//2377bp//99%//AB020670

C-NT2RM4001813//LECTIN BRA-2.//0.00000048//114aa//30%//P17346

25 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.9E-
55//325aa//37%//P28160

C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.9E-
30 161//481aa//56%//P51523

C-NT2RM4001836

35 C-NT2RM4001841//"Homo sapiens mRNA for KIAA0920 protein, complete cds."
//0//1861bp//98%//AB023137

C-NT2RM4001842

40 C-NT2RM4001856

C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT).//6.5E-
45 22//126aa//46%//P79779

C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.3E-
50 244//1248bp//94%//Y17711

C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)
//6.5E-23//184aa//36%//Q15404

55 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.9E-
09//268aa//26%//P47486

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C-NT2RM4001922//"Homo-sapiens mRNA for KIAA0957 protein, complete cds."
//0//2165bp//99%//AB023174

5 C-NT2RM4001930//"Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl
glucosyltransferase (ALG6) mRNA, complete cds."//0//1930bp//99%//AF102851

10 C-NT2RM4001940//"Homo sapiens timeless homolog mRNA, complete cds."
//0//2087bp//99%//AF098162

C-NT2RM4001953

15 C-NT2RM4001965

C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.6E-261//1563bp//84%//X99330

20 C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.8E-
112//457aa//47%//P51523

25 C-NT2RM4001984

C-NT2RM4001987//"NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM
PRECURSOR (N-CAM 180) [CONTAINS: N-CAM 140]."//3.2E-17//281aa//30%//P16170

30 C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN
PMT6-PCT1 INTERGENIC REGION.//6.9E-94//589aa//35%//P42935

35 C-NT2RM4002018

C-NT2RM4002034//"Homo sapiens hiwi mRNA, partial cds."//1.9E-
53//1585bp//60%//AF104260

40 C-NT2RM4002044

C-NT2RM4002054

45 C-NT2RM4002063//"Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete
cds."//0//1865bp//99%//U82267

50 C-NT2RM4002066//"Homo sapiens thyroid hormone receptor-associated protein
complex component TRAP230 mRNA, complete cds."//1.50E-
211//1123bp//71%//AF117755

55 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.8E-
105//556aa//41%//Q04652

C-NT2RM4002128

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C-NT2RM4002140

5 C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%/P24014

C-NT2RM4002161//"Homo sapiens laforin (EPM2A) mRNA, complete cds."
//0//2671bp//99%/AF084535

10 C-NT2RM4002174//MRP PROTEIN.//9.1E-68//264aa//51%/P21590

C-NT2RM4002189//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
15 ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//6.2E-
33//688aa//27%/P08640

C-NT2RM4002205//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-
20 G)."//3E-37//122aa//72%/Q07803

C-NT2RM4002213//"Homo sapiens protein phosphatase methylesterase-1 (PME-1)
mRNA, complete cds."//0//2452bp//100%/AF157028

25 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.7E-
19//147aa//41%/P40809

30 C-NT2RM4002251//"ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-
ACETYLGLUCOSAMINYLTRANSFERASE (EC 2.4.1.101) (N-GLYCOSYL-
OLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLUCOSAMINYLTRANSFERASE I) (GNT-I)
(GLCNAC-TI)."//2.2E-36//320aa//38%/P27808

35 C-NT2RM4002256

C-NT2RM4002266

40 C-NT2RM4002281

C-NT2RM4002287

45 C-NT2RM4002294

C-NT2RM4002301

50 C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33 %//P48778

C-NT2RM4002339

55 C-NT2RM4002344

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C-NT2RM4002373//"Homo sapiens mRNA for KIAA0649 protein, complete cds."
//0//2666bp//99%//AB014549

5 C-NT2RM4002374

C-NT2RM4002383

10 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA
LIGASE) (ACYL- ACTIVATING ENZYME).//1.3E-29//275aa//30%//P27095

15 C-NT2RM4002438//"Xenopus laevis putative Zic3 binding protein mRNA, complete
cds."//1.1E-49//611bp//70%//AF129131

C-NT2RM4002446

20 C-NT2RM4002452

C-NT2RM4002457

25 C-NT2RM4002460//"ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT
PROTEINS GP70, GP20]."//0.0000016//226aa//24%//P51515

C-NT2RM4002493

30

C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.9E-
15//366aa//27%//Q00808

35 C-NT2RM4002532//PROTEIN HOM1.//2E-16//276aa//28%//P55137

C-NT2RM4002558//"Homo sapiens fatty acid transport protein (FATP) mRNA, complete
cds."//0//1797bp//99%//AF055899

40

C-NT2RM4002567

C-NT2RM4002593

45

C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.7E-68//236aa//58%//P54815

50 C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA
LIGASE) (ASPRS).//2.3E-101//488aa//45%//032038

C-NT2RP1000324

55

C-NT2RP1000363//"Homo sapiens mRNA for KIAA0638 protein, partial cds."
//0//1345bp//99%//AB014538

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C-NT2RP1000418

5 C-NT2RP1000513//"Human NifU-like protein (hNifU) mRNA, partial cds."//6.50E-171//516bp//99%//U47101

C-NT2RP1000721

10 C-NT2RP1000730

C-NT2RP1000767

15 C-NT2RP1000836

C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//5.2E-20//306aa//33%//Q09531

20 C-NT2RP1000943

C-NT2RP1001033//"Homo sapiens delta-tubulin mRNA, complete cds."//2.10E-285//1290bp//100%//AF201333

25 C-NT2RP1001073//"Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA, complete cds."//8.1E-107//504bp//99%//AF182291

30 C-NT2RP1001199

C-NT2RP1001248

35 C-NT2RP1001253//"Homo sapiens oscillin (hLn) mRNA, complete cds."//0//2020bp//99%//AF029914

40 C-NT2RP1001286

C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024

45 C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024

50 C-NT2RP1001310//"Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial cds; nuclear gene for mitochondrial product."//0//1732bp//99%//AF176006

55 C-NT2RP1001361//"Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete cds."//6.5E-116//541bp//100%//AF070652

C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC

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REGION.//2.7E-22//284aa//25%//P40074

C-NT2RP1001432

5

C-NT2RP2000040//"Homo sapiens mRNA for KIAA0747 protein, partial cds."
//0//2648bp//99%//AB013290

10

C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene)
//7.9E-20//265bp//73%//AJ242730

C-NT2RP2000098

15

C-NT2RP2000108

20

C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//9.7E-
41//278aa//36%//P40556

25

C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE
SUBUNIT) (A1 140 KD SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT)
(DNA-BINDING PROTEIN PO-GA).//7.1E-12//213aa//23%//P35251

C-NT2RP2000289

30

C-NT2RP2000327

C-NT2RP2000337

35

C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.5E-33//155aa//52%//P49910

C-NT2RP2000459

40

C-NT2RP2000498

C-NT2RP2000758

45

C-NT2RP2001137

C-NT2RP2001149

50

C-NT2RP2001168//VERPROLIN.//1.5E-09//143aa//33%//P37370

55

C-NT2RP2001173//"Homo sapiens mRNA for KIAA0480 protein, complete cds."
//0//1780bp//99%//AB007949

C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLCGF46.1 (FRAGMENT).//6E-
10//88aa//38%//P18722

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C-NT2RP2001196

5 C-NT2RP2001226

C-NT2RP2001268//"Homo sapiens mRNA for KIAA0810 protein, partial cds."
//0//3301bp//98%//AB018353

10 C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-
ALPHA HOMOLOG) (BRAIN PROTEIN 147) (FRAGMENT).//4.4E-91//179aa//99%//P28663

15 C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN.//8.3E-39//161aa//34%//P20107

C-NT2RP2001312

20 C-NT2RP2001327//"TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1,
ENDOTHELIAL (B12 PROTEIN)."//5.5E-116//311aa//71%//Q13829

C-NT2RP2001328

25 C-NT2RP2001366

C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//2E-
30 11//403aa//25%//Q02817

C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC
3.4.21.-).//8.4E-192//581aa//54%//P93647

35 C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein.//0//2068bp//99%//Y18004

C-NT2RP2001420//"Mus musculus nuclear protein NIP45 mRNA, complete cds."
40 //9E-112//742bp//82%//U76759

C-NT2RP2001450

45 C-NT2RP2001467

C-NT2RP2001506

50 C-NT2RP2001511//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete
cds."//3.2E-297//2206bp//75 %//AF093097

C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein
55 ARALAR1.//0//2502bp//99%//Y14494

C-NT2RP2001536//"Homo sapiens X-ray repair cross-complementing protein 3

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(XRCC3) mRNA, complete cds."//0//2326bp//99%//AF035586

C-NT2RP2001560//VAV2 PROTEIN.//0.00000015//219aa//27%//Q60992

5

C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME I.//8.2E-29//294aa//31%//Q09837

10

C-NT2RP2001581

C-NT2RP2001597//"RYANODINE RECEPTOR, CARDIAC MUSCLE." //0.000000036//127aa//36%//P30957

15

C-NT2RP2001628

20

C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE) (2-PHOSPHO-D- GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.1E-47//126aa//53%//P42897

25

C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DIPHOSPHATE SYNTHETASE) (DIMETHYLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANSFERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//97%//P14324

30

C-NT2RP2001813

C-NT2RP2001883//"Homo sapiens CGI-01 protein mRNA, complete cds." //0//2306bp//99%//AF132936

35

C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.3E-38//395aa//30%//P53946

C-NT2RP2001947

40

C-NT2RP2001985//"Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds." //2.00E-38//435bp//67%//AF090989

45

C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.5E-129//279aa//85%//Q08469

50

C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//1.7E-47//247aa//52%//P35331

55

C-NT2RP2002058//"Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete cds." //0//2510bp//99%//AF083217

C-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.7//1.5E-294//1334bp//99%//AF052183

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C-NT2RP2002078//PECANEX PROTEIN.//1.8E-09//195aa//32%//P18490

5 C-NT2RP2002079//"HISTONE H1, GONADAL."//4.4E-11//214aa//34%//P02256

C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//3389bp//99%//AJ007509

10 C-NT2RP2002185//"Homo sapiens ubiquitin mRNA, complete cds." //0//1789bp//99%//AF176069

15 C-NT2RP2002193//"Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3, complete cds." //0//2809bp//99%//AB021868

C-NT2RP2002231

20 C-NT2RP2002235

C-NT2RP2002252//"Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete cds." //0//3118bp//91%//L38621

25 C-NT2RP2002292

30 C-NT2RP2002408

C-NT2RP2002442//HESA PROTEIN.//2.8E-14//163aa//30%//P46037

35 C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PS02/SNM1.//6.50E-07//171aa//27%//P30620

C-NT2RP2002498

40 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.6E-144//537aa//49%//Q02386

C-NT2RP2002520//"Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds." //3.70E-34//668bp//61%//AF105427

45 C-NT2RP2002549

50 C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%//P19076

C-NT2RP2002706

55 C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.9E-85//489aa//43%//P55194

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C-NT2RP2002800

5 C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR
PROTEIN.//0.000039//206aa//23%//P14922

C-NT2RP2002891

10 C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN
D2013.2 IN CHROMOSOME II.//4.1E-87//395aa//40%//Q18964

C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.4E-70//282aa//42%//P52737

15 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (EC
2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%//P70700

20 C-NT2RP2003034

C-NT2RP2003099

25 C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%//P13117

C-NT2RP2003157//"Homo sapiens CGI-74 protein mRNA, complete cds."
//0//2037bp//99%//AF151832

30 C-NT2RP2003158//"Homo sapiens mRNA for proteasome subunit p58, complete
cds."//0//2091bp//99%//D67025

35 C-NT2RP2003165

C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts
with transcription factor Sp1.//0//1544bp//99%//AJ242978

40 C-NT2RP2003277//"Homo sapiens mRNA for KIAA0625 protein, partial cds."
//0//3788bp//99%//AB014525

45 C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4)
(RNA-3'- PHOSPHATE CYCLASE) (RNA CYCLASE).//4.1E-88//374aa//47%//Q23400

C-NT2RP2003297

50 C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.2E-199//550aa//70%//Q07866

C-NT2RP2003308//CROOKED NECK PROTEIN.//5.4E-244//622aa//67%//P17886

55 C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN
HOMOLOG.//0.000022//261aa//24%//P48754

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5 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport
receptor.//0//1509bp//99%//AJ133769

10 C-NT2RP2003393

C-NT2RP2003445

15 C-NT2RP2003466//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete
cds."7//0//2194bp//99%//AF126799

C-NT2RP2003480//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281)
mRNA, complete cds."//0//3012bp//99%//AF125158

20 C-NT2RP2003506//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.4E-
14//106aa//46%//P04175

C-NT2RP2003511

25 C-NT2RP2003513//"Human mRNA for KIAA0270 gene, partial cds."
//0//2137bp//97%//D87460

30 C-NT2RP2003567//"Homo sapiens mRNA for KIAA0462 protein, partial cds."
//0//2343bp//99%//AB007931

C-NT2RP2003604//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA,
complete cds."//0//2442bp//99%//AF030233

35 C-NT2RP2003691

40 C-NT2RP2003713//"Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA,
complete cds."//0//2018bp//99%//AF073344

C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)
.//0//869aa//80%//P53620

45 C-NT2RP2003764

C-NT2RP2003769

50 C-NT2RP2003777

55 C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.7E-
21//137aa//43%//Q11076

C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION

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PROTEIN).//0.00000016//117aa//29%//Q91955

5 C-NT2RP2003981//"Homo sapiens mRNA for KIAA0804 protein, partial cds."
//0//3046bp//99%//AB018347

10 C-NT2RP2003984//Homo sapiens mRNA; cDNA DKFZp564A026 (from clone
DKFZp564A026).//0//2514bp//99%//AL050367

C-NT2RP2004041//SYNAPSINS IA AND IB.//0.00000074//159aa//32%//P17599

15 C-NT2RP2004066//"Human DNA sequence from clone 134019 on chromosome
1p36.11-36.33, complete sequence."//0//2410bp//99%//AL034555

C-NT2RP2004081

20 C-NT2RP2004124

C-NT2RP2004152

25 C-NT2RP2004165

30 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION
FACTOR RU49).//5.6E-31//424aa//28%//007231

C-NT2RP2004239//"Homo sapiens lok mRNA for protein kinase, complete cds."
//0//3044bp//99%//AB015718

35 C-NT2RP2004245

C-NT2RP2004364

40 C-NT2RP2004365

C-NT2RP2004366//"Homo sapiens mRNA for KIAA0986 protein, partial cds."
//0//2790bp//97%//AB023203

45 C-NT2RP2004373

50 C-NT2RP2004476//"Homo sapiens cyclin L ania-6a mRNA, complete cds."
//0//2075bp//99%//AF180920

C-NT2RP2004551

55 C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//3E-
117//625aa//40%//Q09903

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- C-NT2RP2004600
- 5 C-NT2RP2004664//"Homo sapiens mRNA for KIAA0460 protein, partial cds."
//0//2368bp//99%//AB007929
- C-NT2RP2004743
- 10 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH
KINASE 1)//1.3E-26//190aa//41-%//P38692
- 15 C-NT2RP2004816//"Homo sapiens H beta 58 homolog mRNA, complete cds."
//0//2144bp//96%//AF054179
- C-NT2RP2004861
- 20 C-NT2RP2004897
- C-NT2RP2004933//"Homo sapiens mRNA for ZIP-kinase, complete cds."
25 //0//2103bp//99%//AB007144
- C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.3E-47//353aa//30%//Q12386
- 30 C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL
ADDITION ENZYME) (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL
TRANSFERASE)//4E-91//218aa//44%//Q92089
- 35 C-NT2RP2005162//"Homo sapiens aspartyl aminopeptidase mRNA, complete
cds."//0//1615bp//99%//AF005050
- C-NT2RP2005204//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1)
40 mRNA, complete cds."//0//1262bp//99%//AF090385
- C-NT2RP2005227
- 45 C-NT2RP2005287
- C-NT2RP2005288//"Homo sapiens RCC1-like G exchanging factor RLG mRNA,
complete cds."//0//2992bp//99%//AF060219
- 50 C-NT2RP2005490//"Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds."
//1.8E-175//1102bp//83%//AF053628
- 55 C-NT2RP2005539//"Homo sapiens mRNA for KIAA0850 protein, complete cds."
//0//1560bp//99%//AB020657
- C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-

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GUANINE TRANSGLYCOSYLASE) (GUANINE INSERTION ENZYME).//8.2E-23//164aa//28%//032053

5 C-NT2RP2005722//"Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds."//0//2545bp//99%//AB011414

C-NT2RP2005732

10

C-NT2RP2005784//"Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V) mRNA, complete cds."//0//2191bp//92%//AF155120

15 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//2.3E-39//318aa//31%//P40004

20 C-NT2RP2005859//"Homo sapiens mRNA for KIAA0863 protein, complete cds."//0//1649bp//99%//AB020670

C-NT2RP2006023

25 C-NT2RP2006334//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154).//0//2318bp//99%//AL080155

C-NT2RP2006441

30

C-NT2RP3000002

35 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.2E-150//490aa//53%//Q05481

C-NT2RP3000055

40

C-NT2RP3000068

C-NT2RP3000080

45 C-NT2RP3000085//ACETYL-/PROPIONYL-COENZYME A CARBOXYLASE ALPHA CHAIN [CONTAINS: BIOTIN CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.9E-123//436aa//50%//P46401

50

C-NT2RP3000092

C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692

55

C-NT2RP3000134

C-NT2RP3000149

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C-NT2RP3000197

5 C-NT2RP3000207//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//2.9E-11//721aa//23%//P08640

10 C-NT2RP3000233//"Human DNA sequence from clone 22D12 on chromosome Xq21.1-21.33. Contains a novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of proteins. Contains ESTs and GSSs, complete sequence."//0//1462bp//99%//AL035424

15

C-NT2RP3000235

C-NT2RP3000247

20

C-NT2RP3000267

25 C-NT2RP3000299//"Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds."//0//2730bp//82%//D29766

C-NT2RP3000324

30 C-NT2RP3000341//"Homo sapiens mitochondrial inner membrane preprotein translocase Timl7a mRNA, nuclear gene encoding mitochondrial protein, complete cds."//1.5E-246//1124bp//99%//AF106622

35 C-NT2RP3000393//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//5.8E-266//1373bp//86%//AF061817

40 C-NT2RP3000441//"Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds."//3.40E-42//645bp//67%//AF098066

C-NT2RP3000449

45

C-NT2RP3000451

C-NT2RP3000456

50

C-NT2RP3000542

C-NT2RP3000561

55

C-NT2RP3000562//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds."//0//2165bp//99%//AF093097

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C-NT2RP3000578//HES1 PROTEIN.//1.3E-22//229aa//27%//P35843

C-NT2RP3000590//UVS-2 PROTEIN.//1.3E-22//458aa//24%//P33288

5 C-NT2RP3000592

C-NT2RP3000622

10 C-NT2RP3000624

C-NT2RP3000685

15 C-NT2RP3000736//HYPOTHETICAL PROTEIN KIAA0140.//1.2E-166//305aa//99%//014153

C-NT2RP3000742//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
20 PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-
DELTA-1) (PLC-III) (FRAGMENT)."//4.1E-165//371aa//49%//P10895

C-NT2RP3000753

25 C-NT2RP3000826

C-NT2RP3000865

30 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).//7.7E-
87//175aa//98%//Q03426

35 C-NT2RP3001007

C-NT2RP3001055

40 C-NT2RP300111//"Homo sapiens TRF-proximal protein mRNA, complete cds."
//1.50E-149//731bp//97%//AF097725

C-NT2RP3001120//ZINC FINGER PROTEIN 136.//7.8E-170//512aa//58%//P52737

45 C-NT2RP3001126

C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR
50 RHO.//0.00000031//207aa//29%//P52154

C-NT2RP3001232

55 C-NT2RP3001268//"Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA,
complete cds."//0//3606bp//99%//AF198358

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C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//1.3E-99//669bp//83%/Y18101

5 C-NT2RP3001274//"Homo sapiens mRNA for KIAA1037 protein, partial cds."
//0//2254bp//99%/AB028960

10 C-NT2RP3001281

C-NT2RP3001297

15 C-NT2RP3001318

C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.4E-16//175aa//28%/P51508

20 C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE
TRANSPORT PROTEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.6E-
25//129aa//34%/P32089

25 C-NT2RP3001374

C-NT2RP3001428//NUCLEOPROTEIN TPR.//1.4E-128//152aa//99%/P12270

30 C-NT2RP3001432

C-NT2RP3001447

35 C-NT2RP3001449//"Human DNA sequence from clone 283E3 on chromosome
1p36.21-36.33. Contains the alternatively spliced gene for Matrix Metalloproteinase in the
Female Reproductive tract MIFR1, -2, MMP21/22A, -B and -C, a novel gene, the alternatively
spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA,
40 Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a
40S Ribosomal Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively
spliced gene similar to many (archae)bacterial, worm and yeast hypothetical genes, and the
GNB1 gene for Guanine Nucleotide Binding Protein (G protein), Beta polypeptide 1
(Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs, complete
45 sequence."//0//1827bp//99%/AL031282

50 C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY
ANTIGEN MODIFIER 2).//3.2E-90//157aa//59%/P36371

C-NT2RP3001459

55 C-NT2RP3001527//"Human Spl40 protein (Spl40) mRNA, complete cds."//4.3E-
290//793bp//93%/U63420

C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T2.8D9.3 IN CHROMOSOME

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II.//9.10E-10//158aa//31%//Q10022

5 C-NT2RP3001580//"Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds."//0//1730bp//85%//AF163665

10 C-NT2RP3001587//"Human anthracycline-associated resistance ARX mRNA, complete cds."//0//2617bp//99%//U35832

C-NT2RP3001589

15 C-NT2RP3001607

C-NT2RP3001608

20 C-NT2RP3001671//"Homo sapiens mRNA for KIAA0850 protein, complete cds." //0//2310bp//99%//AB020657

25 C-NT2RP3001672//"Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1) mRNA, complete cds."//0//2836bp//99%//AF149046

C-NT2RP3001678

30 C-NT2RP3001688//"Homo sapiens glucocorticoid modulatory element binding protein-1 (GMEB1) mRNA, complete cds."//0//1695bp//99%//AF099013

35 C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000024//481aa//21%//P25386

C-NT2RP3001698

40 C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//3.4E-33//161aa//32%//P54356

C-NT2RP3001716

45 C-NT2RP3001752

50 C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M) //1.8E-117//462aa//55%//P52272

C-NT2RP3001844

55 C-NT2RP3001854//Homo sapiens mRNA; cDNA DKFZp564G013 (from clone DKFZp564G013).//0//1528bp//99%//AL050011

C-NT2RP3001855//HOMEBOX PROTEIN PKNOX1 (HOMEBOX PROTEIN PREP-1).//8.1E-

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125//302aa//60%//P55347

5 C-NT2RP3001898//"Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IV, complete cds."
//0//1587bp//100%//AB000624

10 C-NT2RP3001931

C-NT2RP3001969//TRICHOHYALIN.//2.7E-11//442aa//23%//P37709

15 C-NT2RP3002002

C-NT2RP3002004//H.sapiens mRNA for FAST kinase.//1.50E-19211475bp//94%//X86779

20 C-NT2RP3002007//SAP1 PROTEIN.//1.1E-68//474aa//32%//P39955

C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//5.30E-25//139aa//48%//Q09232

25 C-NT2RP3002045//"Homo sapiens mRNA for KIAA0899 protein, partial cds."
//0//33 85bp//99%//AB020706

30 C-NT2RP3002056//"Homo sapiens Rb binding protein homolog mRNA, partial cds."//0//2374bp//99%//AF083249

35 C-NT2RP3002062//"Homo sapiens mRNA for KIAA0873 protein, partial cds."
//0//3764bp//99%//AB020680

C-NT2RP3002081//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds."//4.1E-233//1896bp//69%//AF111423

40 C-NT2RP3002097

C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN).//7.90E-09//181aa//22%//Q12387

45 C-NT2RP3002142

C-NT2RP3002146

50 C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS).//2.8E-253//474aa//93%//P15170

55 C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP7//1.9E-151//223aa//91%//Q02614

C-NT2RP3002166

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C-NT2RP3002181

5 C-NT2RP3002244

C-NT2RP3002248

10 C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%//P45978

C-NT2RP3002276

15 C-NT2RP3002304

C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE).//3.70E-43//318aa//37%//P05792

20 C-NT2RP3002529//Homo sapiens mRNA for leucocyte vacuolar protein sorting.//0//2276bp//99%//AJ133421

25 C-NT2RP3002566

C-NT2RP3002587

30 C-NT2RP3002590

C-NT2RP3002631

35 C-NT2RP3002650//"Mus musculus growth suppressor 1L (Gros1) mRNA, complete cds."//0//2109bp//87%//AF165163

C-NT2RP3002663//"Homo sapiens putative glycolipid transfer protein mRNA, complete cds."//8.10E-263//1243bp//97%//AF103731

40 C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2).//2.50E-73//179aa//36%//P13060

45 C-NT2RP3002763

C-NT2RP3002861

50 C-NT2RP3002911

C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//2E-111//551aa//42%//Q04652

55 C-NT2RP3002953//"Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete cds."//0//2388bp//99%//AF152498

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- 5 C-NT2RP3002988//"Homo sapiens Ikb kinase-b (IKK-beta) mRNA, complete cds."//1.8E-292//1325bp//99%//AF080158
- C-NT2RP3003008
- 10 C-NT2RP3003101//"Mouse mRNA for tetracycline transporter-like protein, complete cds."//3.6E-83//807bp//72%//D88315
- C-NT2RP3003204
- 15 C-NT2RP3003278
- C-NT2RP3003282//"Homo sapiens dynamin (DNM) mRNA, complete cds."//0//2596bp//98%//L36983
- 20 C-NT2RP3003290//"Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds."//1.5e-310//1468bp//82%//AB033922
- 25 C-NT2RP3003302
- C-NT2RP3003313//"Homo sapiens thyroid hormone receptor-associated protein complex component TRAP80 mRNA, complete cds."//0//2476bp//99%//AF117657
- 30 C-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)) (R052).//1.3E-35//178aa//44%//Q62191
- 35 C-NT2RP3003344
- C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC REGION.//2.80E-07//161aa//28%//P40084
- 40 C-NT2RP3003377
- C-NT2RP3003385//"Mus musculus SKD3 mRNA, complete cds."//0//2133bp//85%//U09874
- 45 C-NT2RP3003433
- 50 C-NT2RP3003490//"Homo sapiens mRNA for KIAA0725 protein, partial cds."//0//2437bp//99%//AB018268
- 55 C-NT2RP3003491//"Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds."//5.6E-36//842bp//62%//AF091624
- C-NT2RP3004206//CROOKED NECK PROTEIN.//1.4E-220//567aa//67%//P17886

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- 5 C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene)
//0//2445bp//100%//AJ245820
- C-NT2RP3004209//"Homo sapiens ubiquitin processing protease (Ubp-M) mRNA,
complete cds."//0//2320bp//99%//AF126736
- 10 C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR
(RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//4.7E-
13//118aa//33%//P52734
- 15 C-NT2RP3004246
- C-NT2RP3004258//"Homo sapiens ZIS1 mRNA, complete cds."
//0//1861bp//99%//AF065391
- 20 C-NT2RP3004262//"Homo sapiens heat shock protein hsp40-3 mRNA, complete
cds."//2.4E-248//1126bp//100%//AF088982
- 25 C-NT2RP3004341
- C-NT2RP3004378
- 30 C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene).//1E-
66//364bp//93%//AJ007798
- C-NT2RP3004428
- 35 C-NT2RP3004451
- C-NT2RP3004454//"Homo sapiens mRNA for KIAA0448 protein, complete cds."
40 //0//2875bp//99%//AB007917
- C-NT2RP3004472//GERM CELL-LESS PROTEIN.//1.6E-61//170aa//40%//Q01820
- 45 C-NT2RP3004498//"Mus musculus ROSA 26 transcription AS ROSA26AS mRNA,
complete cds."//2E-249//1777bp//80%//U83176
- C-NT2RP3004504//M.musculus mRNA for CPEB protein.//1.9E-295//893bp//92%//Y08260
- 50 C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//3.7E-37//190aa//39%//P40484
- C-NT2RP3004534//"Mouse oncogene (ect2) mRNA, complete cds."
55 //0//2075bp//87%//L11316
- C-NT2RP4000528//NPL4 PROTEIN.//9.8E-86//515aa//37%//P33755

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5 C-NT2RP4000907//"Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds."//0//2127bp//86%//D45913

10 C-NT2RP4001029//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//0//1711bp//90%//J20086

15 C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN.//0.000016//186aa//29%//024076

C-NT2RP4001389//KES1 PROTEIN.//1.70E-31//342aa//34%//P35844

20 C-NT2RP4001442

C-NT2RP4001529//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//1.70E-255//1148bp//90%//J20086

25 C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN).//1.10E-45//310aa//27%//P12868

30 C-OVARC1000106//"TROPOMYOSIN 1, FUSION PROTEIN 33." //0.000032//165aa//27%//P49455

C-OVARC1000198

35 C-OVARC1000682//"PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1, 2-MANNOSIDASE 1B)."//1.1E-209//293aa//95%//P39098

C-OVARC1000703

40 C-OVARC1000722//"Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds."//0//759bp//98%//AF038661

C-OVARC1000730

45 C-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN.//0.000000017//78aa//48%//P25159

50 C-OVARC1000781

C-OVARC1000787

55 C-OVARC10008347//Homo sapiens mRNA for atopy related autoantigen CALCJ/2.8E-258//1183bp//99%//Y17711

C-OVARC1000846//NUCLEOLIN (PROTEIN C23).//0.0000097//109aa//30%//P08199

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C-OVARC1000850//"Homo sapiens PB39 mRNA, complete cds."
 //0//2095bp//99%//AF045584
 5
 C-OVARC1000862//M.musculus mRNA for FT1.//5.9E-226//1498bp//81%//Z67963
 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).//2.2E-50//206aa//52%//P40484
 10
 C-OVA-RC1000883
 C-OVARC1000886
 15
 C-OVARC1000912
 C-OVARC1000915//"Homo sapiens histone deacetylase 5 mRNA, complete cds."
 20
 //1.60E-121//591bp//97%//AF132608
 C-OVARC1000924
 25
 C-OVARC1000964
 C-OVARC1000984
 30
 C-OVARC1001004
 C-OVARC1001010
 35
 C-OVARC1001011
 C-OVARC1001032
 40
 C-OVARC1001044
 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSOR.//1.9E-
 45
 35//76aa//98%//P43490
 C-OVARC1001068//"Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial
 cds."//0//1819bp//99%//AF082657
 50
 C-OVARC1001074
 C-OVARC1001092//"Homo sapiens mRNA for JM5 protein, complete CDS (clone
 IMAGE 53337, LLNLc110F185707 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))
 55
 ."//2E-214//769bp//97%//AJ005897
 C-OVARC1001107//"Homo sapiens protein methyltransferase (JBP1) mRNA, complete

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cds." //6.1E-276 //594bp //98% //AF167572

5 C-OVARC1001154 //" Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete
cds." //2.3E-296 //1561bp //93% //AF055008

C-OVARC1001161

10 C-OVARC1001167

C-OVARC1001170

15 C-OVARC1001171 //" Homo sapiens translation initiation factor 3 47 kDa subunit mRNA,
complete cds." //5.7E-151 //436bp //92% //U94855

C-OVARC1001173

20

C-OVARC1001176

C-OVARC1001180 //UBIQUITIN-LIKE PROTEIN DSK2. //1.1E-11 //221aa //25% //P48510

25

C-OVARC1001188

30 C-OVARC1001232 //" CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100
KD SUBUNIT (CPSF 100 KD SUBUNIT)." //5.10E-22 //83aa //37% //Q10568

C-OVARC1001270

35 C-OVARC1001271 //NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING
FACTOR 1) (UBF-1). //0.0000014 //224aa //26% //P25976

C-OVARC1001306 //N-MYC PROTO-ONCOGENE
40 PROTEIN. //0.00000073 //247aa //27% //P18444

C-OVARC1001344

45 C-OVARC1001369

C-OVARC1001372 //" Homo sapiens mRNA for KIAA0897 protein, partial cds."
50 //0 //840bp //97% //AB020704

C-OVARC1001391

C-OVARC1001399

55

C-OVARC1001417 //" Homo sapiens thyroid hormone receptor-associated protein
complex component TRAP170 mRNA, complete cds." //0 //1715bp //99% //AF135802

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- 5 C-OVARC1001419//"Homo sapiens GOK (STIM1) mRNA, complete cds."//4.9E-48//586bp//69%//U52426
- C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111
- C-OVARC1001453
- 10 C-OVARC1001476//"Mus musculus YGR163w mRNA homologue, complete cds."//1.80E-187//510bp//89%//AB017616
- 15 C-OVARC1001480
- C-OVARC1001489
- 20 C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PROTEIN 1).//0//777aa//91%//P98161
- C-OVARC1001525
- 25 C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.4E-19//130aa//40%//P53081
- 30 C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//0//1167bp//100%//AF031165
- C-OVARC1001600
- 35 C-OVARC1001610//"Homo sapiens choline/ethanolaminephosphotransferase (CEPT1) mRNA, complete cds."//0//1870bp//99%//AF068302
- C-OVARC1001702
- 40 C-OVARC1001703//"Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete cds."//3.5E-16//399bp//61%//AF133670
- 45 C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.80E-10//106aa//38%//Q62267
- 50 C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DIAZEPAM BINDING INHIBITOR) (MA-DBI).//4.4E-40//195aa//41%//P07106
- C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.3E-16//116aa//43%//Q13796
- 55 C-OVARC1001731//"TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2."//4E-122//282aa//85%//P08942

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C-OVARC1001745

5 C-OVARC1001762//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-
TERMINAL, ALPHA- AMINO, ACETYLTRANSFERASE 1)."//6.4E-85//514aa//34%//P12945

10 C-OVARC1001766//"Homo sapiens eukaryotic translation initiation factor eIF3, p35
subunit mRNA, complete cds."//0//963bp//99%//U97670

C-OVARC1001767//"Homo sapiens mRNA for KIAA0675 protein, complete cds."
//0//2083bp//99%//AB014575

15 C-OVARC1001768

C-OVARC1001791

20 C-OVARC1001795

C-OVARC1001802

25 C-OVARC1001809//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial
cds."//2.7E-190//1624bp//76%//AF068748

30 C-OVARC1001828

C-OVARC1001846

35 C-OVARC1001861

C-OVARC1001879

40 C-OVARC1001880

C-OVARC1001883

45 C-OVARC1001916

C-OVARC1001928

50 C-OVARC1001942//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-
TERMINAL, ALPHA- AMINO, ACETYLTRANSFERASE 1)."//3.1E-81//497aa//35%//P12945

C-OVARC1001943//"Mus musculus DEBT-91 mRNA, complete cds."
//0//2035bp//87%//AF143859

55

C-OVARC1001950

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C-OVARC1001987//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//2.3E-220//652bp//84%//AF061817

5 C-OVARC1002050//"Homo sapiens mRNA for actin binding protein ABP620, complete cds."//0//1019bp//99%//AB029290

C-OVARC1002082

10

C-OVARC1002107

15 C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRIER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.4E-52//306aa//35%//035913

C-OVARC1002138//SAP1 PROTEIN.//7.6E-60//128aa//59%//P39955

20

C-OVARC1002156

C-OVARC1002158

25

C-PLACE1000004//"Homo sapiens IDN3-B mRNA, complete cds."//0//2365bp//99%//AB019602

30 C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.4E-17//185aa//32%//P08643

C-PLACE1000048

35

C-PLACE1000050

40 C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.9E-54//190bp//94%//L22154

C-PLACE1000081//"Human SEC7 homolog Tic (TIC) mRNA, complete cds."//0//2077bp//99%//U63127

45

C-PLACE1000094

50 C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//1.8E-62//158aa//81%//P20290

C-PLACE1000214

55

C-PLACE1000236

C-PLACE1000246

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C-PLACE1000292

5 C-PLACE1000308

C-PLACE1000332

10 C-PLACE1000453

C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//P51522

15 C-PLACE1000599

C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918

20 C-PLACE1000653//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds."//0//1992bp//99%//AF180371

25 C-PLACE1000656//"Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))."//2.1E-277//1260bp//99%//AJ005896

30 C-PLACE1000706//"Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds."//0//1366bp//99%//AF119043

C-PLACE1000712

35 C-PLACE1000749

C-PLACE1000769//"Homo sapiens CGI-18 protein mRNA, complete cds."//0//1985bp//98%//AF132952

40 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//7.10E-09//59aa//47%//P52734

45 C-PLACE1000849

C-PLACE1000856//"Homo sapiens mRNA for KIAA0974 protein, partial cds."//0//1310bp//100%//AB023191

50 C-PLACE1000931

55 C-PLACE1000987//"Homo sapiens mRNA for KIAA0724 protein, complete cds."//0//1749bp//99%//AB018267

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C-PLACE1001010

C-PLACE1001015

5 C-PLACE1001024

C-PLACE1001062//"Homo sapiens PAC clone DJ1049N15 from 7q31.2-7q32,
10 complete sequence."//2.7E-32//470bp//71%//AC006020

C-PLACE1001104

15 C-PLACE1001168

C-PLACE1001171//MYOTUBULARIN.//7.1E-84//198aa//73%//Q13496

20 C-PLACE1001185//"Homo sapiens mRNA for KIAA0943 protein, partial cds."
//0//1668bp//99%//AB023160

C-PLACE1001238//"Mouse mRNA for RNA polymerase I associated factor (PAF53),
25 complete cds."//2E-202//1333bp//80%//D14336

C-PLACE1001280

30 C-PLACE1001294//M.musculus GEG-154 mRNA.//4.3E-221//1057bp//78%//X71642

C-PLACE1001304//"Homo sapiens zinc finger protein dp mRNA, complete cds."
35 //0//2421bp//99%//AF153201

C-PLACE1001311

C-PLACE1001323

40 C-PLACE1001351

C-PLACE1001414

45 C-PLACE1001440

C-PLACE1001456

50 C-PLACE1001517//"Homo sapiens gene for glycosylphosphatidylinositol anchor
attachment 1 (GPAA1), complete cds."//4.60E-112//392bp//87%//AB002137

55 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//5.7E-130//244aa//99%//Q60809

C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.4E-

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118//429aa//48%//P51523

5 C-PLACE1001634

C-PLACE1001640

10 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-)//4.3E-66//174aa//45%//P91408

C-PLACE1001705

15 C-PLACE1001716

C-PLACE1001720

20 C-PLACE1001745

C-PLACE1001748//"Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds."//0//2602bp//99%//AF061243

25 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein

TRP6.//0//2900bp//99%//AJ006276

30 C-PLACE1001799

C-PLACE1001845//"Mus musculus cyclin ania-6a mRNA, complete cds."//3.30E-31//925bp//62%//AF159159

35 C-PLACE1001897

40 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72)//6.5E-58//112aa//100%//076094

45 C-PLACE1002157

C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2).//0.00005//179aa//23%//P32591

50 C-PLACE1002227

C-PLACE1002259

55 C-PLACE1002319

C-PLACE1002395//"Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete

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cds."//7.9E-100//966bp//75%//AB030505

C-PLACE1002477

5

C-PLACE1002493//"Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds."//1.7E-113//545bp//98%//AF042273

10

C-PLACE1002500

C-PLACE1002514

15

C-PLACE1002532//HOMEBOX PROTEIN DLX-5.//1.2E-152//289aa//96%//P70396

C-PLACE1002537

20

C-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//5E-99//386aa//48%//P45890

25

C-PLACE10025 83//"GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT)."//5.6E-34//76aa//98%//P39087

C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-).//5.5E-17//76aa//56%//P45340

30

C-PLACE1002625

C-PLACE1002655//ADSEVERIN (SCINDERIN)(SC).//2.5E-278//543aa//92%//Q28046

35

C-PLACE1002768

C-PLACE1002782//"Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds."//3.8E-43//385bp//77%//U50927

40

C-PLACE1002816//HISTONE DEACETYLASE HDA1.//2.20E-48//217aa//46%//P53973

C-PLACE1002853

45

C-PLACE1002908//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//0//1654bp//99%//AB028600

50

C-PLACE1002962

C-PLACE1002968

55

C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//1.4E-78//496aa//37%//Q49091

C-PLACE1003025

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5 C-PLACE1003027//"Homo sapiens mRNA for KIAA0516 protein, partial cds."
//2.1e-314//1417bp//100%//AB011088

10 C-PLACE1003044//"Homo sapiens mRNA for KIAA0829 protein, partial cds."
//0//1382bp//96%//AB020636

15 C-PLACE1003176

C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//4.9E-
76//309aa//47%//Q15391

20 C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//7.9E-
22//70aa//47%//P21541

C-PLACE1003343

25 C-PLACE1003361

C-PLACE1003366//"Homo sapiens otoferlin (OTOF) mRNA, complete cds."//1.4E-
78//542bp//67%//AF107403

30 C-PLACE1003373

C-PLACE1003375

35 C-PLACE1003394//"Sprague-Dawley (clone LRB13) RAB14 mRNA, complete
cds."//2.30E-150//774bp//94%//M83680

40 C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//1.3E-
40//278aa//36%//P40556

45 C-PLACE1003454

C-PLACE1003478

C-PLACE1003516

50 C-PLACE1003519//H.sapiens hnRNP-E2 mRNA.//5.1E-218//905bp//99%//X78136

55 C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME
III.//0.0000011//101aa//32%//Q09475

C-PLACE1003528

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5 C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENOMEMBRANE
PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE
ENDOCYTIC INTERMEDIATE COMPONENT).//7.7E-68//404aa//33%/P32802

C-PLACE1003566

10 C-PLACE1003584

C-PLACE1003593

15 C-PLACE1003605//HAP5 TRANSCRIPTIONAL
ACTIVATOR.//0.00000023//82aa//35%/Q02516

20 C-PLACE1003618

C-PLACE1003638

25 C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.6E-118//350aa//46%/P52742

C-PLACE1003760//"Homo sapiens tetraspanin TM4-A mRNA, complete cds."
//5.2E-289//1313bp//97%/AF133423

30 C-PLACE1003768

C-PLACE1003795

35 C-PLACE1003886

C-PLACE1003888//"Homo sapiens mRNA for KIAA1092 protein, partial cds."
40 //0//2057bp//99%/AB029015

C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP
SYNTHETASE).//1.4E-243//584aa//74%/P17812

45 C-PLACE1003915//"PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC
6.1.1.19) (ARGININE- -TRNA LIGASE) (ARGRS)." //2.4E-108//581aa//40%/Q05506

50 C-PLACE1004118

C-PLACE1004256//"Mus musculus short coiled coil protein SCOCO (Scoc) mRNA,
complete cds." //2E-93//960bp//76%/AF115778

55 C-PLACE1004274

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C-PLACE1004284

C-PLACE1005331

5 C-PLACE1005739//Homo sapiens mRNA; cDNA DKFZp564A032 (from clone DKFZp564A032).//0//2190bp//99%//AL050267

10 C-PLACE1005828

C-PLACE1005876//"CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT)."//0//730aa//99%//Q10568

15 C-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//9.9E-42//224aa//43%//P54069

C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1) (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//2E-28//236aa//30%//P98110

20 C-PLACE1007053

25 C-PLACE1007068

C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//5.3E-26//309aa//30%//Q04652

30 C-PLACE1009921

35 C-PLACE1010401

C-PLACE1010856

40 C-PLACE1010857

C-PLACE1010917

45 C-PLACE1010925

C-PLACE1010926//"Homo sapiens mRNA for KIAA0554 protein, partial cds." //0//1160bp//100%//AB011126

50 C-PLACE1010942//"Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds." //0//1440bp//99%//AF114487

55 C-PLACE1010944

C-PLACE1010954

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- C-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//5.3E-98//297aa//48%//P45890
- 5 C-PLACE1011026
- C-PLACE1011046//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
PHOSPHODIESTERASE BETA 1 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1)
10 (PLC-I) (PLC-154)."//0//646aa//97%//P10894
- C-PLACE1011054
- 15 C-PLACE1011057
- C-PLACE1011109//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-
G)."//1.50E-22//63aa//88%//Q07803
- 20 C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//2.9E-
71//190aa//44%//Q03532
- 25 C-PLACE1011133
- C-PLACE1011143
- 30 C-PLACE1011165
- C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.//1.3E-
89//167aa//100%//P03830
- 35 C-PLACE1011219//PROBABLEOXIDOREDUCTASE (EC 1.-.-).//3.2E-
12//212aa//29%//Q03326
- 40 C-PLACE1011221
- C-PLACE1011263//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone
DKFZp564O043).//0//2487bp//99%//AL050390
- 45 C-PLACE1011325
- C-PLACE1011332//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
50 complete cds."//7.2E-151//697bp//99%//AF102265
- C-PLACE1011340//"Homo sapiens IDN3-B mRNA, complete cds."//1.20E-
74//380bp//97%//AB019602
- 55 C-PLACE1011399//"Homo sapiens CGI-72 protein mRNA, complete cds."//3.2E-
90//427bp//99%//AF151830

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- 5 C-PLACE1011433//"Homo sapiens mRNA for KIAA0530 protein, partial cds."
//0//1946bp//99%//AB011102
- C-PLACE1011452
- C-PLACE1011465
- 10 C-PLACE1011472//"Homo sapiens mRNA for KIAA0712 protein, complete cds."
//0//2022bp//99%//AB018255
- 15 C-PLACE1011477//"Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds."
//0//2040bp//99%//AF065482
- C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR
20 PRECURSOR (CTPT).//4.90E-11//147aa//32%//P52178
- C-PLACE1011520
- 25 C-PLACE1011563
- C-PLACE1011567
- 30 C-PLACE1011576//"Human Kruppel related zinc finger protein (HTF10) mRNA,
complete cds."//0//1791bp//82%//L11672
- C-PLACE1011586
- 35 C-PLACE1011643
- C-PLACE1011649
- 40 C-PLACE1011664//CROOKED NECK PROTEIN.//1.6E-187//505aa//64%//P17886
- C-PLACE1011682
- 45 C-PLACE1011719
- C-PLACE1011729
- 50 C-PLACE1011858//Homo sapiens mRNA; cDNA DKFZp586C021 (from clone
DKFZp586C021).//0//1490bp//99%//AL050287
- 55 C-PLACE1011874
- C-PLACE1011875//"Homo sapiens mRNA for KIAA0580 protein, partial cds."

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//4.1E-112//524bp//100%//AB011152

5 C-PLACE1011923//"Homo sapiens serum-inducible kinase mRNA, complete cds."//0//2782bp//99%//AF059617

C-PLACE1011982

10 C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.6E-42//104aa//49%//Q09475

15 C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//1.1E-116//364aa//45%//P42566

C-PLACE2000017

20 C-PLACE2000021//"Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds."//2.7E-107//981bp//74%//AF082556

C-PLACE2000047

25 C-PLACE2000062//"Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type lectin, complete cds, clone:HP01347."//6.3E-166//656bp//94%//AB015629

30 C-PLACE2000100

C-PLACE2000111

35 C-PLACE2000172

C-PLACE2000187

40 C-PLACE2000216//"Dog nonerythroid beta-spectrin mRNA, 3' end."//3.2E-253//1799bp//83%//L02897

45 C-PLACE2000246//"Homo sapiens mRNA for KIAA0795 protein, partial cds."//4.60E-172//796bp//99%//AB018338

C-PLACE2000317

50 C-PLACE2000341//"Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete cds."//0//1554bp//99%//AF069307

55 C-PLACE2000366

C-PLACE2000373//F-SPONDIN PRECURSOR.//8.6E-16//371aa//28%//P35446

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- C-PLACE2000394
- 5 C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.3E-37//90aa//98%//P10586
- 10 C-PLACE2000411//"Homo sapiens mRNA for KIAA1037 protein, partial cds." //0//2515bp//99%//AB028960
- C-PLACE2000425
- 15 C-PLACE2000427//PROBABLE HELICASE MOT1.//1.2E-26//200aa//27%//P32333
- C-PLACE2000433
- 20 C-PLACE2000438//"POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN- UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC: POLYPEPTIDE, N-ACETYL GALACTOSAMINYLTRANSFERASE)(GALNAC-T1)." //2.1E-86//348aa//41%//Q10472
- 25 C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.5E-25//165aa//40%//P33450
- 30 C-PLACE2000477//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds." //6.7E-127//671bp//94%//AF072733
- 35 C-PLACE3000009
- C-PLACE3000020//"Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds." //0//2253bp//99%//AF033861
- 40 C-PLACE3000103
- C-PLACE3000142
- 45 C-PLACE3000145//TENSIN.//1E-108//277aa//75%//Q04205
- C-PLACE3000156
- 50 C-PLACE3000157
- C-PLACE3000197
- 55 C-PLACE3000208
- C-PLACE3000226//"Homo sapiens mRNA for KIAA0962 protein, partial cds."

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//0//4805bp//99%//AB023179

5 C-PLACE3000242//"Homo sapiens mRNA for KIAA1114 protein, complete cds."
//0//2786bp//96%//AB029037

C-PLACE3000363

10 C-PLACE3000405

C-PLACE3000416//"Homo sapiens mRNA for actin binding protein ABP620, complete
15 cds."//1.80E-141//565bp//98%//AB029290

C-PLACE3000477

20 C-PLACE4000106//"Homo sapiens mRNA for KIAA0462 protein, partial cds."
//0//6702bp//99%//AB007931

C-PLACE4000323

25 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1)
(UP-FRAMESHIFT SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771

30 C-PLACE4000369//"Homo sapiens mRNA for KIAA1025 protein, partial cds."
//0//4830bp//99%//AB028948

35 C-PLACE4000445//Homo sapiens mRNA; cDNA DKFZp434C212 (from clone
DKFZp434C212).//0//2565bp//99%//AL080196

C-PLACE4000558//"Homo sapiens mRNA for KIAA0729 protein, partial cds."
//0//1051bp//97%//AB018272

40 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-
RELATED PROTEIN 1) (UEGF-1).//9.3E-70//226aa//52%//P10079

45 C-PLACE4000593

C-PLACE4000612//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE
TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE].//7.1E-154//340aa//40%//P21414

50 C-PLACE4000670

C-THYRO1000026

55 C-THYRO1000085//"PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B."//2E-
72//155aa//92%//Q06710

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C-THYRO1000107

C-THYRO1000111

5 C-THYRO1000132//"Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds."//1.1E-159//824bp//95%//U97018

10 C-THYRO1000156

C-THYRO1000173//"Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds."//0//1713bp//99%//AF020797

15 C-THYRO1000186

C-THYRO1000187

20 C-THYRO1000241

C-THYRO1000279

25 C-THYRO1000327//"Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds."//0//1567bp//99%//AF124145

30 C-THYRO1000452

C-THYRO1000471

35 C-THYRO1000484

C-THYRO1000502

40 C-THYRO1000505

C-THYRO1000585//"Homo sapiens protein associated with Myc mRNA, complete cds."//0//1901bp//99%//AF075587

45 C-THYRO1000596

C-THYRO1000662//"Homo sapiens XPV mRNA for DNA polymerase eta, complete cds."//0//2341 bp//99%//AB024313

50 C-THYRO1000666//Mus musculus mRNA for kinesin like protein 9.//0//2001bp//86%//AJ132889

55 C-THYRO1000715

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C-THYRO1000734

5 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131)//3.30E-96//335aa//52%//P98171

10 C-THYRO1000756//"ALPHA-N-ACETYLGALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII) (STY)."//1.8E-55//243aa//42%//Q64686

C-THYRO1000777

15 C-THYRO1000783//"Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds."//2.4E-157//1656bp//70%//U37373

C-THYRO1000787

20

C-THYRO1000793

C-THYRO1000796

25

C-THYRO1000843

30 C-THYRO1000852//"Human branched chain aminotransferase precursor (BCATm) mRNA, nuclear gene encoding mitochondrial protein, complete cds."//3.3E-147//790bp//93%//U68418

C-THYRO1000865

35

C-THYRO1000895

40 C-THYRO1000926//"Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds."//0//2387bp//99%//AF079529

C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE) .//5E-83//566aa//37%//P43550

45

C-THYRO1000952

50 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//6.30E-17//143aa//39%//P35132

55 C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN).//5.90E-14//84aa//41%//P52491

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C-THYRO1001031

C-THYRO1001062

5 C-THYRO1001100//ZINC FINGER X-LINKED PROTEIN ZXDA (FRAGMENT).//1.2E-67//245aa//62%//P98168

10 C-THYRO1001133

C-THYRO1001134//"Homo sapiens CGI-78 protein mRNA, complete cds." //0//1898bp//99%//AF151835

15 C-THYRO1001173

C-THYRO1001213

20 C-THYRO1001321

C-THYRO1001322

25 C-THYRO1001365

C-THYRO1001401

30 C-THYRO1001411

C-THYRO1001434

35 C-THYRO1001534

C-THYRO1001541

40 C-THYRO1001559

C-THYRO1001570

45 C-THYRO1001595

C-THYRO1001605

50 C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//0//1784bp//99%//AJ002190

55 C-THYRO1001656//"Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds." //4.1E-273//1947bp//82%//AF175968

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C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//0//1820bp//99%//AJ225089

5 C-THYRO1001673

C-THYRO1001703//NIFR3-LIKE PROTEIN.//2.90E-32//282aa//32%//P45672

10 C-THYRO1001706

C-THYRO1001738//TUBULIN-TYROSINE LIGASE (EC 6.3.2.25) (TTL).//2.4E-20//217aa//30%//P38584

15

C-THYRO1001745

C-THYRO1001793

20

C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF).//1.4E-74//158aa//89%//P42128

C-THYRO1001895

25

C-THYRO1001907

C-VESEN1000122

30

C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//2.4E-30//80aa//60%//P25916

35 C-Y79AA1000059//"Homo sapiens immunophilin homolog ARA9 mRNA, complete cds."//2.9E-70//1040bp//65%//U78521

C-Y79AA1000065

40

C-Y79AA1000131

C-Y79AA1000181//"Homo sapiens CGI-01 protein mRNA, complete cds."//0//1858bp//99%//AF132936

45

C-Y79AA1000202

50 C-Y79AA1000214//"Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds."//7.1E-71//345bp//100%//AF081192

C-Y79AA1000230

55

C-Y79AA1000258

C-Y79AA1000268//"Mus musculus Nip21 mRNA, complete cds."//2.10E-

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50//648bp//64%//AF035207

- 5 C-Y79AA1000313//CALPHOTIN.//0.000011//336aa//23%//Q02910
- C-Y79AA1000328//SEL-10 PROTEIN.//0.000000067//219aa//25 %//Q93794
- C-Y79AA1000355
- 10 C-Y79AA1000368//REDUCED VIABILTTY UPON STARVATION PROTEIN 161.//4E-20//261aa//27%//P25343
- 15 C-Y79AA1000420
- C-Y79AA1000469//"Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete cds."//8.30E-252//1207bp//85%//U41736
- 20 C-Y79AA1000480
- C-Y79AA1000540
- 25 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT).//0//652aa//98%//P17427
- 30 C-Y79AA1000574//Homo sapiens clone H17 unknown mRNA.//0//1932bp//99%//AF103801
- C-Y79AA1000627//"Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds."//2E-287//203 lbp//82%//AF060503
- 35 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1.//5.80E-254//1477bp//84%//X69942
- 40 C-Y79AA1000734//"Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds."//0//1594bp//99%//AF093670
- 45 C-Y79AA1000748//"Homo sapiens CGI-05 protein mRNA, complete cds."//1.9E-239//1367bp//91%//AF152097
- C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//4.9E-91//200aa//64%//Q61990
- 50 C-Y79AA1000774
- 55 C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTEDASE (EC 3.1.3.5).//3E-37//469aa//27%//P49902

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C-Y79AA1000784//"Homo sapiens RanBP7/importin 7 mRNA, complete cds."
//1.10E-236//1076bp//99%//AF098799

5 C-Y79AA1000794//"Homo sapiens actin-associated protein 2E4/kaptin (2E4) mRNA,
2E4-1 allele, complete cds."//0//1610bp//99%//AF105369

10 C-Y79AA1000800//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete
cds."//1.6E-284//1288bp//99%//AF072733

C-Y79AA1000805

15 C-Y79AA1000824

C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN.//5E-173//220aa//79%//P05209

20 C-Y79AA1000850

C-Y79AA1000962//"MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN)
25 (MYOSIN II)."//4.2E-17//430aa//27%//Q99323

C-Y79AA1000968//"Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B
gamma) mRNA, complete cds."//3.9E-248//1468bp//87%//U38253

30 C-Y79AA1000976

C-Y79AA1001023

35 C-Y79AA1001041

C-Y79AA1001048//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC
40 PRECURSOR (EC 1.3.99.-) (VLCAD)."//3.1E-138//583aa//47%//P45953

C-Y79AA1001077

C-Y79AA1001078

45 C-Y79AA1001145

C-Y79AA1001177

50 C-Y79AA1001185

55 C-Y79AA1001211//"Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA,
complete cds."//0//1435bp//99%//AF139658

C-Y79AA1001228

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- 5 C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HYDROXYSTEROID DEHYDROGENASE 1).//7.7E-50//228aa//42%//P51657
- C-Y79AA1001236//"Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))." //0//1653bp//99%//AJ005892
- 10 C-Y79AA1001281
- C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46) //0.000000023//193aa//30%//Q03309
- 15 C-Y79AA1001323//"Mus musculus mRNA for GSG1, complete cds."//3.3E-172//1171bp//83%//D87325
- 20 C-Y79AA1001391//HOMEODOMAIN PROTEIN HOX-A13 (HOX-1J).//1.2E-58//178aa//66%//P31271
- C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.2E-13//230aa//32%//O83746
- 25 C-Y79AA1001402//"Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds."//8.50E-65//784bp//62%//AF083115
- 30 C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132
- 35 C-Y79AA1001533//"Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds."//4.5E-193//1333bp//80%//D14336
- 40 C-Y79AA1001541
- C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA).//7.5E-76//85aa//90%//P42356
- 45 C-Y79AA1001555
- C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.9E-40//482aa//27%//P27550
- 50 C-Y79AA1001585
- 55 C-Y79AA1001603//"POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN- UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC: POLYPEPTIDE, N-ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1)."//1.7E-

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84//313aa//48%//Q07537

C-Y79AA1001613//ZINC FINGER PROTEIN 132.//3.8E-91//209aa//41%//P52740

5

C-Y79AA1001665

10

C-Y79AA1001679//"Homo sapiens lambda-crystallin mRNA, complete cds."//3.4e-310//1430bp//98%//AF077049

15

C-Y79AA1001696//"Homo sapiens mRNA for KIAA1109 protein, partial cds."//0//1669bp//100%//AB029032

C-Y79AA1001705//"Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds."//3.4E-47//626bp//68%//AF033120

20

C-Y79AA1001711//"Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds."//1.2E-258//1185bp//99%//J04137

25

C-Y79AA1001781

C-Y79AA1001805

30

C-Y79AA1001827//"Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA, complete cds."//0//1689bp//98%//AF177145

C-Y79AA1001846

35

C-Y79AA1001923

C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//1E-10//94aa//47%//O42643

40

C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9E-39//143aa//52%//P42743

45

C-Y79AA1002083//H.sapiens mRNA for MUF1 protein.//5E-163//752bp//99%//X86018

C-Y79AA1002089

50

C-Y79AA1002115

C-Y79AA1002125

55

C-Y79AA1002204

C-Y79AA1002208//ANKYRIN.//8.1E-34//188aa//38%//Q02357

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- 5 C-Y79AA1002209//"Homo sapiens CGI-04 protein mRNA, complete cds."
//0//1617bp//99%//AF132939
- C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//7.10E-
17//213aa//31%//P30620
- 10 C-Y79AA1002246//SYNAPTOTAGMIN V.//1.6E-28//286aa//32%//000445
- C-Y79AA1002298
- 15 C-Y79AA1002307//"Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds."
//0//1209bp//99%//AF116574
- C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.9E-
20 186//1130bp//82%//X67877
- C-Y79AA1002351
- 25 C-Y79AA1002407
- C-Y79AA1002433//"Homo sapiens chromatin-specific transcription elongation factor
30 FACT 140 kDa subunit mRNA, complete cds."//0//1545bp//96%//AF152961
- C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
//1.5E-136//472aa//49%//Q05481
- 35 Homology Search Result Data 13.
- 40 Data obtained by the homology search for full-length nucleotide sequences and deduced
amino acid sequences. Each data includes Clone name, Definition in hit data, P value, Length of
sequence to be compared, Homology, and Accession number (No.) of hit data. These items are
shown in this order and separated by a double-slash mark, //.
- 45 C-HEMBA1000042
- C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete
50 cds.//0//1135bp//100%//AF196304
- C-HEMBA1000150//H.sapiens gene for U5 snRNP-specific 200kD protein.//2.50E-
153//525bp//91%//Z70200
- 55 C-HEMBA1000213
- C-HEMBA1000243

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C-HEMBA1000244

5 C-HEMBA1000251

C-HEMBA1000338

10 C-HEMBA1000357

C-HEMBA1000376

15 C-HEMBA1000428

C-HEMBA1000469

20 C-HEMBA1000497

C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
./3.40E-37//674aa//25%//Q05481

25 C-HEMBA1000569//GPI-ANCHORED PROTEIN P137./6.50E-19//265aa//32%//Q60865

C-HEMBA1000575

30 C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF)./2.20E-
17//198aa//40%//P23246

35 C-HEMBA1000673

C-HEMBA1000702

40 C-HEMBA1000722

C-HEMBA1000726

45 C-HEMBA1000876

C-HEMBA1000942

50 C-HEMBA1000943

C-HEMBA1000960

55 C-HEMBA1000985

C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34

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PROTEIN KINASE) (CYCLIN-DEPENDENT KINASE 1) (CDK1).//3.10E-10//70aa//58%//P06493

5 C-HEMBA1001020

C-HEMBA1001024

10 C-HEMBA1001026

C-HEMBA1001051

15 C-HEMBA1001060

C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSORS.//1.50E-92//82aa//100%//P02461

20 C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//2.00E-80//432bp//94%//AF119043

25 C-HEMBA1001099

C-HEMBA1001121

C-HEMBA1001123

30 C-HEMBA1001208

C-HEMBA1001213

35 C-HEMBA1001226

C-HEMBA1001247

40 C-HEMBA1001299

C-HEMBA1001319

45 C-HEMBA1001323

C-HEMBA1001327

50 C-HEMBA1001361

C-HEMBA1001375

55 C-HEMBA1001377

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C-HEMBA1001383

5 C-HEMBA1001391

C-HEMBA1001411

10 C-HEMBA1001432

C-HEMBA1001433

15 C-HEMBA1001435

C-HEMBA1001442

20 C-HEMBA1001463

C-HEMBA1001515

25 C-HEMBA1001522

C-HEMBA1001557

30 C-HEMBA1001566

C-HEMBA1001589

35 C-HEMBA1001608

C-HEMBA1001636

40 C-HEMBA1001647

C-HEMBA1001651

45 C-HEMBA1001658

C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//5.40E-09//101aa//35%//P54787

50 C-HEMBA1001712

C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN) (OB-CADHERIN) (OSF-4).//1.10E-38//87aa//96%//P55288

55 C-HEMBA1001745

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C-HEMBA1001750

5 C-HEMBA1001784

C-HEMBA1001791

10 C-HEMBA1001803

C-HEMBA1001820

15 C-HEMBA1001835

C-HEMBA1001888

20 C-HEMBA1001912

C-HEMBA1001915

25 C-HEMBA1001918

C-HEMBA1001940

30 C-HEMBA1001942

C-HEMBA1001964

35 C-HEMBA1002022

C-HEMBA1002039

40 C-HEMBA1002100

C-HEMBA1002113

45 C-HEMBA1002119

C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50).//7.10E-05//51aa//49%//Q14847

50 C-HEMBA1002160

C-HEMBA1002162

55 C-HEMBA1002166

C-HEMBA1002185

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C-HEMBA1002204

5 C-HEMBA1002328

C-HEMBA1002337

10 C-HEMBA1002348

C-HEMBA1002381

15 C-HEMBA1002486

C-HEMBA1002498

20 C-HEMBA1002538

C-HEMBA1002552

25 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete
cds.//5.30E-51//768bp//68%//AF055993

30 C-HEMBA1002558

C-HEMBA1002621

C-HEMBA1002629

35 C-HEMBA1002645

C-HEMBA1002659

40 C-HEMBA1002661

C-HEMBA1002666

45 C-HEMBA1002678

C-HEMBA1002679

50 C-HEMBA1002712

C-HEMBA1002716

55 C-HEMBA1002742

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C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7).//5.00E-37//268aa//34%//P06746

5 C-HEMBA1002748

C-HEMBA1002780

10 C-HEMBA1002801

C-HEMBA1002826

15 C-HEMBA1002833

C-HEMBA1002921

20 C-HEMBA1002934

C-HEMBA1002944

25 C-HEMBA1002968

C-HEMBA1003034

30 C-HEMBA1003037

C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID
LABILE CHAIN PRECURSOR (ALS).//1.30E-09//121aa//40%//P35858

35 C-HEMBA1003078

C-HEMBA1003083

40 C-HEMBA1003086

C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.//6.20E-
273//1253bp//99%//AF155096

45 C-HEMBA1003133

50 C-HEMBA1003142

C-HEMBA1003166

55 C-HEMBA1003197

C-HEMBA1003202

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C-HEMBA1003220

5 C-HEMBA1003229

C-HEMBA1003276

10 C-HEMBA1003278

C-HEMBA1003328

15 C-HEMBA1003373

C-HEMBA1003597

20 C-HEMBA1003598

C-HEMBA1003656

25 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC
3.4.11.-)//2.40E-92//423aa//47%//P34629

C-HEMBA1003733

30 C-HEMBA1003742

C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT
35 INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA)//3.70E-
124//347aa//55%//Q16665

C-HEMBA1003803

40 C-HEMBA1003854

C-HEMBA1003926

45 C-HEMBA1003939

C-HEMBA1003987

50 C-HEMBA1004012

C-HEMBA1004015

55 C-HEMBA1004193

C-HEMBA1004225

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C-HEMBA1004241

5 C-HEMBA1004267

C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103

10 C-HEMBA1004354//CHL1 PROTEIN.//9.90E-26//130aa//42%//P22516

C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494

15 C-HEMBA1004396

C-HEMBA1004405

20 C-HEMBA1004433

C-HEMBA1004538

25 C-HEMBA1004542

C-HEMBA1004573

30 C-HEMBA1004577

C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844

35 C-HEMBA1004617

40 C-HEMBA1004631

C-HEMBA1004705

45 C-HEMBA1004733

C-HEMBA1004748

50 C-HEMBA1004778

C-HEMBA1004803

55 C-HEMBA1004807

C-HEMBA1004820

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C-HEMBA1004865

5 C-HEMBA1004880

C-HEMBA1004900

10 C-HEMBA1004909

C-HEMBA1004960

15 C-HEMBA1004978

C-HEMBA1004980

20 C-HEMBA1004983

C-HEMBA1004995

25 C-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial
cds.//0//2212bp//99%//AB014548

30 C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete
cds.//0//1487bp//99%//AF132947

C-HEMBA1005035

35 C-HEMBA1005039

C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-
101//106aa//98%//P35290

40 C-HEMBA1005050

C-HEMBA1005062

45 C-HEMBA1005066

C-HEMBA1005075

50 C-HEMBA1005079

55 C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete
cds.//0//2762bp//99%//AF080561

C-HEMBA1005123

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C-HEMBA1005149

5 C-HEMBA1005152

C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete
 cds.//0//1608bp//99%//AF132941

10 C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-
 179//361aa//95%//Q00004

15 C-HEMBA1005223

C-HEMBA1005232

20 C-HEMBA1005241

C-HEMBA1005275

25 C-HEMBA1005293

C-HEMBA1005311

30 C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-
 241//1095bp//99%//AJ007581

C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743

35 C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-
 77//620bp//74%//AF071787

40 C-HEMBA1005374

C-HEMBA1005382

45 C-HEMBA1005411

C-HEMBA1005426

50 C-HEMBA1005443

C-HEMBA1005447

55 C-HEMBA1005497

C-HEMBA1005500

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C-HEMBA1005506

5 C-HEMBA1005508

C-HEMBA1005526

10 C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.//0//1578bp//98%//AF191340

15 C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA, complete cds.//1.00E-220//1014bp//99%//AF134157

C-HEMBA1005552

20 C-HEMBA1005568

C-HEMBA1005588

25 C-HEMBA1005593

C-HEMBA1005606

30 C-HEMBA1005616

C-HEMBA1005627

35 C-HEMBA1005670

C-HEMBA1005679

40 C-HEMBA1005699

C-HEMBA1005705

45 C-HEMBA1005732//Human mRNA for KIAA1293 gene, complete cds.//5.50E-102//317bp//98%//D14697

50 C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE).//2.00E-36//342aa//33%//P00789

C-HEMBA1005852

55 C-HEMBA1005894

C-HEMBA1005921

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C-HEMBA1006035

5 C-HEMBA1006036

C-HEMBA1006090

10 C-HEMBA1006138

C-HEMBA1006173

15 C-HEMBA1006252

C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds.//3.50E-157//845bp//92%//AF073836

20 C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//1.60E-130//332aa//62%//002193

25 C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//3.50E-105//381aa//54%//P28160

C-HEMBA1006380

30 C-HEMBA1006416

C-HEMBA1006421

35 C-HEMBA1006424

C-HEMBA1006426

40 C-HEMBA1006446

C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA)//1.90E-81//153aa//97%//P55786

45 C-HEMBA1006486

50 C-HEMBA1006494

C-HEMBA1006546

55 C-HEMBA1006562

C-HEMBA1006595

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C-HEMBA1006597

5 C-HEMBA1006631

C-HEMBA1006639

10 C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.40E-44//206aa//47%//P14148

C-HEMBA1006659

15 C-HEMBA1006665

C-HEMBA1006676

20 C-HEMBA1006695

C-HEMBA1006709

25 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete
cds.//0//1832bp//91%//AF152492

C-HEMBA1006780

30 C-HEMBA1006807//Homo sapiens mRNA for SPOP.//5.70E-125//1109bp//75%//AJ000644

C-HEMBA1006824

35 C-HEMBA1006865

C-HEMBA1006921

40 C-HEMBA1006949

C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2.3-
45 sialyltransferase.//1.90E-80//447bp//89%//X74570

C-HEMBA1007051

50 C-HEMBA1007052

C-HEMBA1007066

55 C-HEMBA1007073

C-HEMBA1007078

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C-HEMBA1007085

5 C-HEMBA1007113

C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete
 cds.//1.70E-252//1118bp//92%//AF125042

10 C-HEMBA1007129

C-HEMBA1007147

15 C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete
 cds.//0//1900bp//99%//AF076929

20 C-HEMBA1007178

C-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete
 cds.//0//1212bp//98%//D86987

25 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete
 cds.//0//1590bp//99%//AF196304

30 C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-
 58//650bp//70%//J00060

C-HEMBA1007251

35 C-HEMBA1007288

C-HEMBA1007322

40 C-HEMBA1007341

C-HEMBB1000050

45 C-HEMBB1000054

C-HEMBB1000059

50 C-HEMBB1000089

C-HEMBB1000113

55 C-HEMBB1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL
 GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).//1.40E-24//71aa//77%//P51177

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C-HEMBB1000173

5 C-HEMBB1000175

C-HEMBB1000272

10 C-HEMBB1000317//FIBULIN-1, ISOFORM D PRECURSOR.//7.10E-62//458aa//35%//P37888

C-HEMBB1000318

15 C-HEMBB1000336

C-HEMBB1000341

20 C-HEMBB1000343

C-HEMBB1000354

25 C-HEMBB1000374

C-HEMBB1000434

30 C-HEMBB1000441

C-HEMBB1000491

35 C-HEMBB1000493

C-HEMBB1000510

40 C-HEMBB1000652

C-HEMBB1000672

45 C-HEMBB1000684

C-HEMBB1000709

50 C-HEMBB1000726

C-HEMBB1000770

55 C-HEMBB1000827

C-HEMBB1000831

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C-HEMBB1000883

5 C-HEMBB1000888

C-HEMBB1000893

10 C-HEMBB1000913

C-HEMBB1000996

15 C-HEMBB1001004

C-HEMBB1001047

20 C-HEMBB1001060

C-HEMBB1001114

25 C-HEMBB1001119

C-HEMBB1001133

30 C-HEMBB1001142

C-HEMBB1001177

35 C-HEMBB1001208

C-HEMBB1001209

40 C-HEMBB1001249

C-HEMBB1001253

45 C-HEMBB1001254

C-HEMBB1001271

50 C-HEMBB1001304

C-HEMBB1001317

55 C-HEMBB1001348

C-HEMBB1001394

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C-HEMBB1001410

5 C-HEMBB1001424

C-HEMBB1001426

10 C-HEMBB1001429//Homo sapiens leucine aminopeptidase mRNA, complete
cds.//0//1933bp//99%//AF061738

C-HEMBB1001436

15 C-HEMBB10014437//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1
mRNA, complete cds.//3.00E-130//553bp//86%//AF062740

20 C-HEMBB1001449

C-HEMBB1001458

25 C-HEMBB1001521

C-HEMBB1001531

30 C-HEMBB1001535

C-HEMBB1001536

35 C-HEMBB1001564

C-HEMBB1001565

40 C-HEMBB1001585

C-HEMBB1001588

45 C-HEMBB1001603

C-HEMBB1001618

50 C-HEMBB1001635

C-HEMBB1001653

55 C-HEMBB1001668

C-HEMBB1001673//Homo sapiens mRNA for KIAA0646 protein, complete

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cds.//0//2035bp//99%//AB014546

5 C-HEMBB1001685
C-HEMBB1001695
C-HEMBB1001707
10 C-HEMBB1001735
C-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3
15 P116) (EIF3 P110).//4.60E-15//391aa//25%//P55884
C-HEMBB1001747
20 C-HEMBB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
C-HEMBB1001753
25 C-HEMBB1001756
C-HEMBB1001760
30 C-HEMBB1001785
C-HEMBB1001797
35 C-HEMBB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167
C-HEMBB1001816
40 C-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA
complete cds.//0//1514bp//99%//AF056209
C-HEMBB1001839//GASTRULA ZINC FINGER PROTEIN XLCGF42.1 (FRAGMENT).//6.90E-
45 11//87aa//35%//P18720
C-HEMBB1001850
50 C-HEMBB1001863
C-HEMBB1001868
55 C-HEMBB1001874
C-HEMBB1001880

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C-HEMBB1001899

5 C-HEMBB1001906

C-HEMBB1001910

10 C-HEMBB1001911

C-HEMBB1001921

15 C-HEMBB1001922

C-HEMBB1001930

20 C-HEMBB1001944

C-HEMBB1001945

25 C-HEMBB1001947

C-HEMBB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III
OXIDASE (EC 1.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-
30 41//370aa//31%/P54304

C-HEMBB1001952

35 C-HEMBB1001957

C-HEMBB1001962

40 C-HEMBB1001983

C-HEMBB1001990

45 C-HEMBB1001996

C-HEMBB1002002

50 C-HEMBB1002005

C-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYPIVC1).//2.70E-
55 49//139aa//55%/P29981

C-HEMBB1002043

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C-HEM BB1002045

5 C-HEM BB1002049

C-HEM BB1002050

10 C-HEM BB1002068

C-HEM BB1002092

15 C-HEM BB1002139

C-HEM BB1002142

20 C-HEM BB1002190

C-HEM BB1002193

25 C-HEM BB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
./2.10E-132//399aa//44%//Q05481

C-HEM BB1002218

30 C-HEM BB1002232

C-HEM BB1002247

35 C-HEM BB1002249

C-HEM BB1002266//NEURONAL PROTEIN./2.10E-46//121aa//76%//P41737

40 C-HEM BB1002327

C-HEM BB1002329

45 C-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein./1.10E-
274//1249bp//99%//AJ010841

50 C-HEM BB1002358

C-HEM BB1002371

55 C-HEM BB1002387

C-HEM BB1002409

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C-HEMBB1002425

5 C-HEMBB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692

C-HEMBB1002453

10 C-HEMBB1002458

C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-258//774bp//99%//U43885

15 C-HEMBB1002489

C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365

20 C-HEMBB1002520

C-HEMBB1002522

25 C-HEMBB1002545

C-HEMBB1002579

30 C-HEMBB1002582

C-HEMBB1002596

35 C-HEMBB1002603

C-HEMBB1002610

40 C-HEMBB1002613

C-HEMBB1002617

45 C-HEMBB1002623

C-HEMBB1002635

50 C-HEMBB1002677

C-HEMBB1002683

55 C-HEMBB1002699

C-HEMBB1002702

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C-MAMMA1000009

5 C-MAMMA1000043

C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85;
MEMBRANE PROTEIN GP37].//1.90E-07//249aa//27%//P03396

10 C-MAMMA1000057

C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16)
15 (CYSTEINE-- TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860

C-MAMMA1000092

20 C-MAMMA1000103

C-MAMMA1000117

25 C-MAMMA1000129

C-MAMMA1000133

30 C-MAMMA1000155

C-MAMMA1000175

35 C-MAMMA1000198

C-MAMMA1000241

40 C-MAMMA1000251

C-MAMMA1000254

45 C-MAMMA1000287

C-MAMMA1000307

50 C-MAMMA1000331

C-MAMMA1000339

55 C-MAMMA1000340

C-MAMMA1000348

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	C-MAMMA1000356
5	C-MAMMA1000360
	C-MAMMA1000402
10	C-MAMMA1000414
	C-MAMMA1000431
15	C-MAMMA1000444
	C-MAMMA1000458
20	C-MAMMA1000500
	C-MAMMA1000522
25	C-MAMMA1000576
	C-MAMMA1000583
30	C-MAMMA1000594
	C-MAMMA1000605
35	C-MAMMA1000616
	C-MAMMA1000643
40	C-MAMMA1000684//Homo sapiens 7-60 mRNA, complete cds.//0//2402bp//99%//AF109134
	C-MAMMA1000696
45	C-MAMMA1000707
	C-MAMMA1000714
50	C-MAMMA1000720
	C-MAMMA1000744
55	C-MAMMA1000761
	C-MAMMA1000776

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C-MAMMA1000798

5 C-MAMMA1000839

C-MAMMA1000851

10 C-MAMMA1000863

C-MAMMA1000867

15 C-MAMMA1000876

C-MAMMA1000880

20 C-MAMMA1000883

C-MAMMA1000921

25 C-MAMMA1000931

C-MAMMA1000941

30 C-MAMMA1000957

C-MAMMA1000962

35 C-MAMMA1000975

C-MAMMA1000987

40 C-MAMMA1001003

C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-
R) (LSH-R) (LUTEINIZING HOROMINE RECEPTOR) (FRAGMENT)//1.20E-
45 26//276aa//28%//Q90674

C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE
50 ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN]//2.60E-107//190aa//95%//Q15746

C-MAMMA1001082

C-MAMMA1001162

55 C-MAMMA1001186

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C-MAMMA1001191
 C-MAMMA1001206
 5 C-MAMMA1001220
 C-MAMMA1001243
 10 C-MAMMA1001249
 C-MAMMA1001256
 15 C-MAMMA1001268
 C-MAMMA1001271
 20 C-MAMMA1001274
 C-MAMMA1001292
 25 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN
 RHOGAP) (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-
 ACTIVATING PROTEIN) (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
 30 C-MAMMA1001324
 C-MAMMA1001341
 35 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-
 165//312aa//99%//P02750
 40 C-MAMMA1001397
 C-MAMMA1001408
 45 C-MAMMA1001420
 C-MAMMA1001442
 50 C-MAMMA1001452
 C-MAMMA1001465
 55 C-MAMMA1001487
 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-

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ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384

5 C-MAMMA1001547

C-MAMMA1001551

10 C-MAMMA1001575

C-MAMMA1001590

15 C-MAMMA1001600

C-MAMMA1001606

20 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989

C-MAMMA1001663

25 C-MAMMA1001670

C-MAMMA1001671

30 C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ).//0.00000058//29aa//100%//P47756

35 C-MAMMA1001711

C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V).//5.90E-240//445aa//97%//P09653

40 C-MAMMA1001744

C-MAMMA1001745

45 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete cds.//0//2332bp//99%//AF117708

50 C-MAMMA1001783

C-MAMMA1001788

55 C-MAMMA1001806

C-MAMMA1001812

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C-MAMMA1001815

5 C-MAMMA1001817

C-MAMMA1001818

10 C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%/Y13148

C-MAMMA1001824

15 C-MAMMA1001851

C-MAMMA1001854

20 C-MAMMA1001864

C-MAMMA1001878

25 C-MAMMA1001890

C-MAMMA1001907

30 C-MAMMA1001908

C-MAMMA1001931

35 C-MAMMA1001969

C-MAMMA1002011

40 C-MAMMA1002032

C-MAMMA1002041

45 C-MAMMA1002047

C-MAMMA1002056

50 C-MAMMA1002058

C-MAMMA1002078

55 C-MAMMA1002082

C-MAMMA1002084

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C-MAMMA1002093

5 C-MAMMA1002094

C-MAMMA1002118

10 C-MAMMA1002125

C-MAMMA1002132

15 C-MAMMA1002140

C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds7/1.70E-252//1170bp//99%//AF099664

20 C-MAMMA1002145

C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR B) (NKEF-B)//5.20E-61//60aa//90%//P32119

25

C-MAMMA1002230

30 C-MAMMA1002250

C-MAMMA1002282

35 C-MAMMA1002293

C-MAMMA1002298

40 C-MAMMA1002299

C-MAMMA1002308

45 C-MAMMA1002310

C-MAMMA1002311

50 C-MAMMA1002322

C-MAMMA1002339

55 C-MAMMA1002352

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C-MAMMA1002359
 C-MAMMA1002360
 5 C-MAMMA1002392
 C-MAMMA1002411
 10 C-MAMMA1002413
 C-MAMMA1002417
 15 C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL
 MEMBRANE SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2)//1.10E-
 24//96aa//68%//Q14108
 20 C-MAMMA1002434
 C-MAMMA1002446
 25 C-MAMMA1002454
 C-MAMMA1002461
 30 C-MAMMA1002475
 C-MAMMA1002556
 35 C-MAMMA1002566
 C-MAMMA1002612
 40 C-MAMMA1002622//VILLIN//7.20E-35//53aa//64%//P02640
 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC)//1.30E-198//550aa//70%//Q07866
 45 C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds//5.40E-
 57//480bp//68%//AF194030
 50 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete
 cds//4.3e-317//1942bp//85%//AF018261
 55 C-MAMMA1002727
 C-MAMMA1002748

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C-MAMMA1002758

C-MAMMA1002780

5 C-MAMMA1002820

C-MAMMA1002833

10 C-MAMMA1002843

C-MAMMA1002895

15 C-MAMMA1002937//ZINC FINGER PROTEIN 135.//8.30E-99//393aa//43%//P52742

C-MAMMA1003004

20 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//0//1533bp//99%//AF077952

25 C-NT2RM1000001//D.melanogaster sap47-2 mRNA.//1.50E-10//417bp//62%//X80110

C-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds.//0//3376bp//99%//D31886

30 C-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds.//0//3551bp//99%//AB014590

C-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds.//0//3035bp//96%//AB014561

35 C-NT2RM1000421//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775 C-NT2RM1000499

40 C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4.//3.60E-11//180aa//28%//Q99383

45 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.60E-115//332aa//52%//Q05481

C-NT2RM2001592//Homo sapiens mRNA for KIAA1067 protein, partial cds.//0//3471bp//99%//AB028990

50 C-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds.//0//1632bp//99%//AB014518

55 C-NT2RM2001637

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C-NT2RM2001641

5 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29).//6.50E-104//407aa//43%//Q07230

C-NT2RM2001699

C-NT2RM2001706

10 C-NT2RM2001718

15 C-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial
cds.//0//2892bp//99%//AB007931

C-NT2RM2001805

20 C-NT2RM4000086

C-NT2RM4000215//MAK16 PROTEIN.//1.30E-68//295aa//49%//P10962

25 C-NT2RM4000414

30 C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//1.00E-
59//595aa//28%//Q04652

C-NT2RM4000634

35 C-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial
cds.//0//1412bp//100%//AB028992

C-NT2RM4000783

40 C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//6.70E-
22//250aa//29%//P02750

C-NT2RM4000971

45 C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//8.00E-211//738aa//50%//Q05481

50 C-NT2RM4001092//ZINC FINGER PROTEIN GLO3.//3.10E-24//265aa//33%//P38682

C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//1.10E-
48//218aa//43%//Q03532

55 C-NT2RM4001569

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C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//8.10E-300//1395bp//98%//M37712

5 C-NT2RM4001905

C-NT2RM4001938//Homo sapiens mRNA for KIAA0898 protein, partial cds.//0//2234bp//99%//AB020705

10

C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//1.90E-31//80aa//52%//P36419

15 C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-293//1751bp//83%//AF072758

20 C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA, complete cds.//0//2550bp//99%//AF176085

C-NT2RM4002109//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2572bp//99%//AF071592

25

C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-70//454bp//85%//AF035940

30 C-NT2RM4002194//Mus musculus semaphorin V1a mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430

35 C-NT2RM4002390

C-NT2RM4002398

C-NT2RM4002420

40

C-NT2RM4002534

45 C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962

C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//4.60E-78//921bp//69%//X85019

50 C-NT2RP1000358//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186).//0//1938bp//88%//AL050019

55 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//8.20E-83//345aa//47%//Q61068

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C-NT2RP1000609//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2165bp//99%//AL050118

5 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANSPORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721

10 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//1687bp//99%//AF145020

15 C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.80E-176//829bp//98%//AF047020

C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094

20 C-NT2RP1000916

C-NT2RP1000944

25 C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//2085bp//99%//U82267

30 C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-116//319aa//46%//Q06218

C-NT2RP1001113

35 C-NT2RP1001173//Homo sapiens mRNA; cDNA DKFZp566D1146 (from clone DKFZp566D1146).//0//2333bp//99%//AL080222

40 C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-108//1278bp//69%//U79139

C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete cds.//1.90E-158//729bp//99%//M34192

45 C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA, complete cds.//0//2006bp//100%//AF081513

50 C-NT2RP1001311

C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//7.50E-121//1394bp//69%//AF126799

55 C-NT2RP2000001//Homo sapiens mRNA for KIAA1111 protein, partial cds.//0//3188bp//99%//AB029034

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C-NT2RP2000027

5 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//002675

C-NT2RP2000198

10 C-NT2RP2000523//APOLIPOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238

C-NT2RP2000551

15 C-NT2RP2000644

C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955

20 C-NT2RP2000678

C-NT2RP2000715

25 C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds.//0//1562bp//99%//U80811

30 C-NT2RP2000970

C-NT2RP2001347

35 C-NT2RP2001460//TRICHOHYALIN.//1.00E-14//521aa//24%//P37709

C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT).//6.10E-12//184aa//31%//P24391

40 C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//0//2445bp//99%//U97067

45 C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//0//1287bp//99%//AF058718

50 C-NT2RP2001677

C-NT2RP2001678

55 C-NT2RP2001720

C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15)

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(UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068

5 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523

C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009

10

C-NT2RP2001861

C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//O14754

15

C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008

20 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161

C-NT2RP2001936

25

C-NT2RP2001943

C-NT2RP2001946

30

C-NT2RP2002032

C-NT2RP2002033

35

C-NT2RP2002041

C-NT2RP2002047

40

C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//1.60E-226//1301bp//88%//U87306

45 C-NT2RP2002124//Homo sapiens mRNA for KIAA1097 protein, partial cds.//0//1772bp//95%//AB029020

C-NT2RP2002172

50

C-NT2RP2002219

55 C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//0//1528bp//98%//AF005418

C-NT2RP2002316

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C-NT2RP2002373

5 C-NT2RP2002439

C-NT2RP2002475

10 C-NT2RP2002546

C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//P51523

15 C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181

20 C-NT2RP2002643

C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107

25 C-NT2RP2002736

C-NT2RP2002740

30 C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016

35 C-NT2RP2002752

C-NT2RP2002753

40 C-NT2RP2002857

C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//1.90E-11//132aa//38%//Q13829

45 C-NT2RP2003073

C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545

50 C-NT2RP2003206

C-NT2RP2003228//H.sapiens P1-Cdc21 mRNA.//0//2870bp//98%//X74794

55 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//1551bp//77%//AF023657

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C-NT2RP2003237

5 C-NT2RP2003272//Homo sapiens ubiquilin mRNA, complete
cds.//0//1789bp//99%//AF176069

C-NT2RP2003280

10 C-NT2RP2003293

C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-
15 13//302aa//26%//P25386

C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15)
20 (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE
DUB-1) (DEUBIQUITINATING ENZYME 1).//9.60E-78//346aa//43%//061068

C-NT2RP2003456

25 C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA,
complete cds.//0//1746bp//95%//M12783

C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA,
30 complete cds.//0//1764bp//99%//AF125158

C-NT2RP2003559

35 C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)).//2.10E-59//270aa//46%//P19474

C-NT2RP2003581

40 C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid
synthetase.//9.40E-243//1624bp//82%//AJ006215

45 C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII
(HSD17B7) mRNA, complete cds.//2.1e-313//978bp//99%//AF098786

C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease
50 YME1L.//1.80E-72//350bp//100%//AJ132637

C-NT2RP2003727

55 C-NT2RP2003751

C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-

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63//253aa//50%//Q09201

C-NT2RP2003825

5

C-NT2RP2003871

C-NT2RP2003885

10

C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 1).//6.10E-183//387aa//87%//P51954

15

C-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//0//2866bp//98%//AB007916

C-NT2RP2003988

20

C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//2.30E-53//141aa//78%//P20290

25

C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.40E-30//319aa//31%//Q01513

C-NT2RP2004142

30

C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein.//1.10E-138//1236bp//74%//Y12781

35

C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//3.80E-52//397bp//82%//AF003998

C-NT2RP2004207

40

C-NT2RP2004226

45

C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete cds.//0//2272bp//99%//AB015982

C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN). (NF-H).//9.90E-12//427aa//26%//P19246

50

C-NT2RP2004270//PROTEIN PTM1 PRECURSOR.//1.40E-16//334aa//24%//P32857

C-NT2RP2004321

55

C-NT2RP2004339

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C-NT2RP2004347

5 C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete
cds.//5.40E-243//1108bp//99%//AB028069

C-NT2RP2004399

10 C-NT2RP2004400

C-NT2RP2004412

15 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete
cds.//0//2321bp//86%//AF155739

C-NT2RP2004490

20

C-NT2RP2004523

25 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete
cds.//0//1387bp//86%//AF090190

C-NT2RP2004580

30 C-NT2RP2004587//Homo sapiens mRNA for KIAA0888 protein, partial
cds.//0//2886bp//100%//AB020695

C-NT2RP2004594

35

C-NT2RP2004681

C-NT2RP2004709

40

C-NT2RP2004710//Homo sapiens mRNA for KIAA1014 protein, partial
cds.//0//2587bp//100%//AB023231

45 C-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial
cds.//0//1774bp//99%//AB020691

C-NT2RP2004767

50

C-NT2RP2004775

55 C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA,
complete cds.//1.00E-228//1666bp//75%//U56732

C-NT2RP2004962

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C-NT2RP2004982

5 C-NT2RP2005003//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)).//1.80E-99//376aa//43%//P19474

C-NT2RP2005018

10 C-NT2RP2005020

C-NT2RP2005022

15 C-NT2RP2005031

C-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial
20 cds.//0//4069bp//99%//AB014564

C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT
RNAASE) (RNASE L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%//Q05921

25 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated
protein.//0//2769bp//98%//AJ007509

30 C-NT2RP2005254

C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA,
complete cds.//0//1643bp//99%//AF124735

35 C-NT2RP2005336//TRICHOHYALIN.//5.40E-10//545aa//22%//P37709

C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38).//2.10E-
40 124//636aa//38%//P32660

C-NT2RP2005360

45 C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN.//5.30E-63//410aa//40%//P22059

C-NT2RP2005454

50 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B
homolog mRNA, complete cds.//1.20E-130//608bp//99%//AF070652

C-NT2RP2005476//Human p190-B (p190-B) mRNA, complete cds.//3.40E-
55 108//668bp//88%//U17032

C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B).//0.00000015//279aa//26%//P35418

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- C-NT2RP2005496//ZINC FINGER PROTEIN 135.//2.90E-146//398aa//59%//P52742
- 5 C-NT2RP2005501
- C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1).//5.50E-70//393aa//39%//P11171
- 10 C-NT2RP2005600//Homo sapiens mRNA for KIAA1020 protein, partial
cds.//0//2554bp//99%//AB028943
- C-NT2RP2005645
- 15 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR.//2.60E-
10//175aa//27%//Q92834
- 20 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN).//3.00E-
63//323aa//39%//Q62158
- C-NT2RP2005741
- 25 C-NT2RP2005806
- C-NT2RP2005815
- 30 C-NT2RP2005841
- C-NT2RP2005882
- 35 C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE
ADENYLYLTRANSFERASE).//1.50E-67//388aa//44%//P25500
- 40 C-NT2RP2006103
- C-NT2RP2006166
- 45 C-NT2RP2006258
- C-NT2RP2006261
- 50 C-NT2RP2006321
- C-NT2RP2006454
- 55 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete
cds.//3.10E-295//1193bp//99%//AF113538

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- C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR.//4.60E-78//421aa//37%//P32559
- 5 C-NT2RP3000047//NPL4 PROTEIN.//1.10E-85//526aa//36%//P33755
- C-NT2RP3000418
- 10 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//2.90E-1511319aa//26%//P37908
- C-NT2RP3000487
- 15 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//0//1934bp//99%//X16667
- C-NT2RP3000526
- 20 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1.//3.70E-11//90aa//42%//Q13562
- 25 C-NT2RP3000605//Mus musculus mRNA for wizL, complete cds.//0//2232bp//82%//AB012265
- C-NT2RP3000628
- 30 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//1.40E-24//155aa//37%//Q10149
- 35 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.) .//8.30E-108//331aa//50%//P27448
- C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A.//1.90E-46//73aa//98%//P39027
- 40 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//9.00E-201//584aa//54%//Q05481
- 45 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.90E-11//631aa//23%//P25386
- 50 C-NT2RP3001245//Homo sapiens mRNA for KIAA0923 protein, complete cds.//0//2659bp//99%//AB023140
- C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110) .//1.70E-10//540aa//23%//P32380
- 55 C-NT2RP3001356

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C-NT2RP3001383

C-NT2RP3001399//SSU72 PROTEIN.//1.30E-16//84aa//52%//P53538

5

C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//1.40E-76//388aa//32%//P46821

10

C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.//0//1788bp//99%//AF113534

15

C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.10E-240//902bp//99%//AF054177

20

C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial cds.//6.90E-132//774bp//88%//AF008554

C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141

25

C-NT2RP3001739

C-NT2RP3001777

30

C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.20E-14//242aa//24%//Q00808

35

C-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds.//0//3747bp//99%//AB014575

C-NT2RP3001944

40

C-NT2RP3002033

C-NT2RP3002054

45

C-NT2RP3002063//Homo sapiens mRNA for KIAA1033 protein, partial cds.//0//2830bp//99%//AB028956

C-NT2RP3002099

50

C-NT2RP3002102

C-NT2RP3002147

55

C-NT2RP3002163

C-NT2RP3002173

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C-NT2RP3002255

5 C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYNTHETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE) .//8.60E-49//243aa//43%//Q58767

10 C-NT2RP3002343

C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15).//4.20E-70//590bp//76%//X16396

15 C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21).//8.60E-79//416aa//34%//P33991

20 C-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//0//3811bp//99%//AB014578

C-NT2RP3002545//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518).//0//2499bp//99%//AL050092

25 C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//52%//Q10010

30 C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60) (58 KD MICROSOMAL PROTEIN) (P58) (HIP-70) (Q-2).//2.90E-19//173aa//28%//P11598

35 C-NT2RP3002603

C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//2.50E-26//90aa//42%//P38660

40 C-NT2RP3002659

45 C-NT2RP3002660

C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.//0//1596bp//98%//AF151903

50 C-NT2RP3002687

C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kifib), complete cds.//1.10E-93//1205bp//69%//D17577

55 C-NT2RP3002701

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- C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN)//2.50E-55//187aa//39%//Q24371
- 5 C-NT2RP3002869//Mus musculus semaphorin Vla mRNA, complete cds.//2.50E-232//1282bp//85%//AF030430
- 10 C-NT2RP3002876
- C-NT2RP3002877
- 15 C-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//0//2085bp//94%//AB018314
- 20 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2722bp//99%//D89053
- C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-52//899bp//64%//AB029333
- 25 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mRNA, complete cds.//0//2656bp//99%//AF084555
- 30 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%//Q02357
- C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%//P23645
- 35 C-NT2RP3003078
- C-NT2RP3003139
- 40 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%//AF07773 8
- 45 C-NT2RP3003150
- C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//5.70E-09//169aa//31%//Q09674
- 50 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-210//1851bp//76%//AF110267
- 55 C-NT2RP3003210
- C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-187//1750bp//75%//U20286

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C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete
 cds.//0//2350bp//99%//AB030656
 5
 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete
 cds.//0//2366bp//99%//AF098462
 10 C-NT2RP3003251//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))
 (RO(SS-A)).//4.20E-86//366aa//48%//P19474
 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC
 15 3.4.21.-).//1.10E-170//585aa//54%//064948
 C-NT2RP3003311
 20 C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete
 cds.//9.20E-45//782bp//65%//U90653
 C-NT2RP3003427
 25 C-NT2RP3003543
 C-NT2RP3003552
 30 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC
 REGION.//4.50E-30//191aa//40%//P40529
 35 C-NT2RP3003564
 C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete
 cds.//0//3131bp//94%//AF106681
 40 C-NT2RP3003621
 C-NT2RP3003625
 45 C-NT2RP3003656
 C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
 50 C-NT2RP3003686
 C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
 55 C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014

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C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.//0//2568bp//99%//U28164

5 C-NT2RP3003795

C-NT2RP3003805

10 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590

C-NT2RP3003819

15 C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-19//174aa//31%//P02720

20 C-NT2RP3003831//Homo sapiens ENDOGL-1 (alias ENGL-a) mRNA for endonuclease G-like protein-1, complete cds.//2.2e-316//1436bp//99%//AB020523

C-NT2RP3003833

25 C-NT2RP3003842

C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds.//4.80E-277//1255bp//99%//AB019435

30

C-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds.//0//2557bp//99%//AB018343

35 C-NT2RP3003876

C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//2.20E-20//76aa//64%//Q09332

40

C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete cds.//0//2191bp//99%//AF086628

45 C-NT2RP3003989

C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).//1.50E-17//226aa//26%//Q13263

50

C-NT2RP3004070

C-NT2RP3004145

55

C-NT2RP3004215

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C-NT2RP3004253

5 C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61 %//AF007871

10 C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//X67877

C-NT2RP3004490//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//0//1778bp//99%//AC003982

15 C-NT2RP3004503

C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//P51523

20 C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds.//0//2393bp//99%//AB014679

25 C-NT2RP4000023

C-NT2RP4000218

30 C-NT2RP4000424

C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT).//5.70E-141//511aa//43%//Q99676

35 C-NT2RP4001447

40 C-NT2RP4001841

C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//1.40E-85//489aa//43%//P55194

45 C-NT2RP4002047//GTP-BINDING PROTEIN LEPA.//1.50E-168//601aa//52%//067618

C-NT2RP4002075

50 C-NT2RP4002083

C-OVARC1000001//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//7.00E-217//683bp//99%//AB029290

55 C-OVARC1000008

C-OVARC1000017

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C-OVARC1000058

5 C-OVARC1000068

C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA, complete cds.//1.50E-47//727bp//67%//AF156957

10 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-151//699bp//100%//D00761

15 C-OVARC1000109

C-OVARC1000114

20 C-OVARC1000145

C-OVARC1000240

25 C-OVARC1000302

C-OVARC1000408

30 C-OVARC1000414

C-OVARC1000440

35 C-OVARC1000442

C-OVARC1000496

40 C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA 2) (P90-RSK 2) (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-67//132aa//95%//015349

45 C-OVARC1000557

C-OVARC1000578

50 C-OVARC1000622

C-OVARC1000679//Homo sapiens myosin-IXa mRNA, complete cds.//0//808bp//99%//AF117888

55 C-OVARC1000681

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C-OVARC1000700

C-OVARC1000724

5 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16)
(PP2C).//5.60E-11//74aa//37%//P49596

10 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD
GLUCOSE REGULATED PROTEIN) (GRP 75).//3.90E-46//78aa//98%//035501

C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-).//1.30E-32//170aa//34%//P37440

15 C-OVARC1000936//COAT PROTEIN GP37 (ENV PROTEIN GP37)
./0.0000054//135aa//28%//P03398

20 C-OVARC1000937//S-PHASE ENTRY CYCLIN 6.//4.90E-10//61aaaa//49%//P32943

C-OVARC1000960

25 C-OVARC1000971

C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR.//4.10E-11//189aa//32%//Q06527

30 C-OVARC1001000

C-OVARC1001029

35 C-OVARC1001040

C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE
15 (PROTEIN EPS15) (AF-1P PROTEIN).//1.10E-08//216aa//23%//P42566

40 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//5.1e-
310//1588bp//93%//AF051782

45 C-OVARC1001118

C-OVARC1001129

50 C-OVARC1001169

C-OVARC1001240

55 C-OVARC1001261

C-OVARC1001339

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C-OVARC1001342//40S RIBOSOMAL PROTEIN S8.//1.40E-110//207aa//99%//P09058

5 C-OVARC1001357

C-OVARC1001442

10 C-OVARC1001611

C-OVARC1001813

15 C-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete
cds.//0//1760bp//99%//AF054174

C-OVARC1002143

20 C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5)
(STEROID 5-ALPHA-REDUCTASE 2) (SR TYPE 2).//7.60E-08//114aa//37%//P31213

25 C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN)
(BTRCP).//1.70E-09//207aa//30%//Q91854

C-PLACE1000014

30 C-PLACE1000078

C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete
35 cds.//0//2041bp//87%//U35245

C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN.//1.70E-07//251aa//24%//P23645

40 C-PLACE1000814

C-PLACE1000979//ZINC FINGER PROTEIN 135.//2.50E-153//326aa//64%//P52742

45 C-PLACE1001007

C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete
50 cds.//4.00E-300//1355bp//100%//AB024301

C-PLACE1001088

C-PLACE1001136

55 C-PLACE1001241

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C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//5.90E-228//827bp//99%//AF009615

5 C-PLACE1001395

C-PLACE1001740

10 C-PLACE1001746

C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//7.50E-16//319aa//26%//P37908

15

C-PLACE1002066

C-PLACE1002115

20

C-PLACE1002213

25 C-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds.//0//1657bp//98%//AB018271

30 C-PLACE1002450//Human zinc finger protein mRNA, complete cds.//0//2565bp//99%//U69274

C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//0//2092bp//84%//U69262

35 C-PLACE1002499

C-PLACE1002578

40 C-PLACE1002714

C-PLACE1002772

45 C-PLACE1002775//PEREGRIN (BR140 PROTEIN).//3.80E-13//272aa//28%//P55201

50 C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.50E-203//396aa//86%//P51522

C-PLACE1002993

55 C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//8.50E-44//225bp//100%//AF032387

C-PLACE1003205

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C-PLACE1003249

5 C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSORS.//1.70E-23//594aa//33%//P28481

C-PLACE1003553

10 C-PLACE1003592

15 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//2.60E-93//270aa//66%//P46975

C-PLACE1003669//TRICHOHYALIN.//5.60E-09//219aa//30%//P22793

20 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA, complete cds.//6.20E-282//1316bp//98%//AF053305

C-PLACE1003870

25 C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//3.70E-222//651aa//66%//P25500

30 C-PLACE1003892

C-PLACE1003900

35 C-PLACE1004336

C-PLACE1004384

40 C-PLACE1004425

C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//2.90E-56//276aa//41%//P51522

45 C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds.//2.10E-16//402bp//62%//U90878

50 C-PLACE1004518

C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.//3.50E-274//1305bp//97%//AF132954

55 C-PLACE1004681

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C-PLACE1004693

5 C-PLACE1004716//Homo sapiens HSPC038 protein mRNA, complete cds.//2.70E-103//586bp//91%//AF125099

C-PLACE1004815

10 C-PLACE1004836

C-PLACE1004838

15 C-PLACE1004840

C-PLACE1004900

20 C-PLACE1004985

C-PLACE1005085

25 C-PLACE1005086

C-PLACE1005108

30 C-PLACE1005146

C-PLACE1005409

35 C-PLACE1005453

C-PLACE1005477

40 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27.//1.90E-11//60aa//48%//P46288

C-PLACE1005595

45 C-PLACE1005603

C-PLACE1005639

50 C-PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.//2.00E-118//378bp//98%//AF162680

C-PLACE1005799

55 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482

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C-PLACE1005884

5 C-PLACE1005968

C-PLACE1006002

10 C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.//2.40E-177//829bp//99%//AF151852

C-PLACE1006017

15 C-PLACE1006037

C-PLACE1006076

20 C-PLACE1006143

C-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//1489bp//100%//AB014548

25 C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMALEMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN PORIN) (PORIN 31HL) (PORIN 31HM).//4.60E-117//147aa//80%//P21796

30 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds.//3.00E-07//376bp//59%//U76374

35 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//1.30E-18//460aa//24%//Q00547

40 C-PLACE1006371

C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.20E-83//313aa//49%//P27550

45 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//0//2170bp//99%//AF191338

50 C-PLACE1006521

C-PLACE1006534//Homo sapiens mRNA; cDNA DKFZp564G1964 (from clone DKFZp564G1964).//1.70E-192//883bp//99%//AL110144

55 C-PLACE1006617

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C-PLACE1006640

5 C-PLACE1006754//BILIARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66)
(CD66A ANTIGEN).//6.20E-63//191aa//43%//P13688

C-PLACE1006760

10 C-PLACE1006779

C-PLACE1006805

15 C-PLACE1006815

C-PLACE1006867

20 C-PLACE1007045

C-PLACE1007097

25 C-PLACE1007111

C-PLACE1007112

30 C-PLACE1007140//Homo sapiens mRNA for KIAA1009 protein, complete
cds.//0//3492bp//99%//AB023226

C-PLACE1007218

35

C-PLACE1007454

C-PLACE1007478

40

C-PLACE1007677

45 C-PLACE10077057//Mus musculus mRNA for Ndr1 related protein Ndr3, complete
cds.//1.10E-184//1096bp//82%//AB033922

C-PLACE1007737

50

C-PLACE1007743

C-PLACE1007852//Homo sapiens mRNA for KIAA0878 protein, complete cds.//1.00E-
232//1174bp//94%//AB020685

55

C-PLACE1007877

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C-PLACE1008045

5 C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete
cds.//0//2152bp//99%//AB021179

10 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.-.-.)//3.00E-
25//208aa//37%//Q03326

C-PLACE1008201//Rattus rattus zinc finger protein, complete cds.//0//2265bp//83%//L23077

15 C-PLACE1008231

C-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//9.50E-
21//148aa//38%//Q00808

20 C-PLACE1008330//EOSINOPHIL LYSOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN
CRYSTAL PROTEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN- 10).//2.20E-
23//94aa//47%//Q05315

25 C-PLACE1008331

C-PLACE1008369

30 C-PLACE1008392

C-PLACE1008405

35 C-PLACE1008424

C-PLACE1008584

40 C-PLACE1008625

C-PLACE1008630

45 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI
HEAVY CHAIN H2).//5.20E-90//483aa//38%//002668

50 C-PLACE1008715

C-PLACE1008748

55 C-PLACE1008757

C-PLACE1008798

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C-PLACE1008851

C-PLACE1008947

5 C-PLACE1009039

C-PLACE1009048

10 C-PLACE1009050

C-PLACE10091137/Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3)
15 mRNA, complete cds.//0//2529bp//99%//AF035586

C-PLACE1009150

20 C-PLACE1009200

C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3.//4.40E-16//82aa//43%//P29675

25 C-PLACE1009298//Homo sapiens vacuolar sorting protein 35 (VPS35) mRNA, complete
cds.//0//2262bp//99%//AF191298

C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN.//4.00E-
30 06//439aa//23%//P14922

C-PLACE1009398//ZINC FINGER PROTEIN 135.//6.20E-97//361aa//51%//P52742

35 C-PLACE1009410

C-PLACE1009477//Homo sapiens mRNA for KIAA0684 protein, partial cds.//6.50E-
40 148//592bp//99%//AB014584

C-PLACE1009493

C-PLACE1009539

45 C-PLACE1009595

C-PLACE1009637

50 C-PLACE1009639

C-PLACE1009798//RLR1 PROTEIN.//1.60E-18//270aa//23%//P53552

55 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC
3.4.22.-).//6.50E-28//209aa//38%//P43510

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C-PLACE1009888

5 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete
cds.//0//1730bp//99%//AF038963

C-PLACE1009947

10 C-PLACE1010069

15 C-PLACE1010089//Homo sapiens mRNA for KIAA1097 protein, partial
cds.//0//1554bp//100%//AB029020

20 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1
HORMONE RECEPTOR).//5.10E-27//371aa//28%//Q14246

C-PLACE1010270

25 C-PLACE1010562

C-PLACE1010579//Homo sapiens PTB domain adaptor protein CED-6 mRNA, complete
cds.//9.30E-299//1362bp//99%//AF200715

30 C-PLACE1010624

C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein
genes, complete cds; and S171 gene, partial cds.//7.50E-08//324bp//64%//AF109907

35 C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
PRECURSOR (EC 2.4.1.-) (DUGT).//1.80E-222//808aa//52%//Q09332

40 C-PLAC.E1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//5.20E-
151//427aa//55%//P28160

45 C-PLACE1010761

C-PLACE1010802 C-PLACE1010833//CALTRACTIN (CENTRIN)
.//0.0000001//154aa//28%//P41209

50 C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110)
.//1.50E-25//583aa//23%//P35580

55 C-PLACE1010916

C-PLACE1010947

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C-PLACE1010965

C-PLACE1011032

5 C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete
cds.//0//1701bp//97%//AB015019

10 C-PLACE1011056//HISTONE H1, GONADAL.//6.80E-13//154aa//37%//P02256

C-PLACE1011090//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone
DKFZp586A0522).//0//880bp//99%//AL050159

15 C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds.//0//1691bp//99%//AB022663

C-PLACE1011214

20 C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA,
complete cds.//2.30E-152//701bp//99%//AF153604

25 C-PLACE1011273

C-PLACE1011291

30 C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//3.50E-
20//496aa//25%//P10587

C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI
HEAVY CHAIN H2).//1.70E-78//383aa//39%//Q61703

35 C-PLACE1011503

40 C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B
(30ST3B1) mRNA, complete cds.//0//1559bp//99%//AF105377

C-PLACE1011646//Homo sapiens clone 25059 mRNA sequence.//5.00E-
223//1035bp//99%//AF131752

45 C-PLACE1011650

50 C-PLACE1011675

C-PLACE1011725

55 C-PLACE1011749

C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN

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HEAVY CHAIN, TYPE B) (NMMHC-B).//1.30E-15//409aa//27%//P35580

5 C-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial
cds.//0//1163bp//100%//AB018256

C-PLACE2000006

10 C-PLACE2000007//Homo sapiens mRNA for KIAA0913 protein, partial
cds.//0//1968bp//97%//AB020720

15 C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC
3.1.3.48).//2.20E-29//212aa//35%//P10586

20 C-PLACE2000039//Rattus norvegicus cytoplasmic dynein heavy chain (MAP 1C), mRNA,
complete cds.//4.60E-29//1167bp//89%//L08505

C-PLACE2000061

25 C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete
cds.//0//3174bp//99%//AF027219

C-PLACE2000097

30 C-PLACE2000103

C-PLACE2000115

35 C-PLACE2000124

C-PLACE2000140

40 C-PLACE2000164//TIPD PROTEIN.//2.10E-59//481aa//33%//O15736

C-PLACE2000176

45 C-PLACE2000223

C-PLACE2000235

50 C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098

C-PLACE2000302

55 C-PLACE2000347

C-PLACE2000359

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- C-PLACE2000371//TENSIN.//2.90E-78//561aa//37%//Q04205
- 5 C-PLACE2000379
- C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//1.60E-14//180aa//39%//P14209
- 10 C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//9.90E-229//821aa//54%//Q09996
- 15 C-PLACE2000450
- C-PLACE2000455
- 20 C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//1979bp//90%//Y17267
- C-PLACE3000070
- 25 C-PLACE3000119
- C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC15.//1.90E-08//281 aa//22%//P22224
- 30 C-PLACE3000136
- 35 C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds.//0//2043bp//99%//AF170084
- C-PLACE3000148
- 40 C-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds.//2.10E-75//382bp//99%//AB014572
- 45 C-PLACE3000160
- C-PLACE3000169//ZINC FINGER PROTEIN 135.//2.50E-90//358aa//47%//P52742
- 50 C-PLACE3000194
- C-PLACE3000199
- 55 C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds.//0//1862bp//98%//AF105020

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C-PLACE3000230

5 C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR)
..//0//1435aa//92%//P53995

10 C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA,
complete cds..//0//4583bp//83%//AF143946

C-PLACE3000276

15 C-PLACE3000310

C-PLACE3000320

20 C-PLACE3000331

C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)..//9.60E-08//359aa//23
25 %//P08640

C-PLACE3000352

30 C-PLACE3000353//Homo sapiens mRNA; cDNA DKFZp586H0623 (from clone
DKFZp586H0623)..//0//2456bp//99%//AL096739

C-PLACE3000362

35 C-PLACE3000365

C-PLACE3000388

40 C-PLACE3000413

C-PLACE3000425

45 C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN
HEAVY CHAIN, TYPE B) (NMMHC-B)..//2.90E-54//626aa//29%//P35580

50 C-PLACE4000014//X-LINKED HELICASE II (X-LINKED NUCLEAR PROTEIN) (XNP)..//3.10E-
111//348aa//41%//P46100

C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA,
55 complete cds..//0//4661bp//99%//AF165281

C-PLACE4000089

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C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aa//88%//AF091234

5 C-PLACE4000129

C-PLACE4000147

10 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746

15 C-PLACE4000211//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//1.70E-262//1217bp//98%//AF000422

C-PLACE4000222

20 C-PLACE4000269//Homo sapiens mRNA for KIAA1067 protein, partial cds.//0//3787bp//99%//AB028990

C-PLACE4000270

25

C-PLACE4000300

C-PLACE4000387

30

C-PLACE4000392

35 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5142bp//90%//Z70200

C-PLACE4000450//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//2.70E-261//1217b.p//98%//AF000422

40

C-PLACE4000465

45 C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//5.70E-60//254aa//44%//P13002

C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%//Y17267

50

C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%//O60100

55 C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%//AF034800

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C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%//P17655

5 C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%//P37709

C-THYRO1000070

10 C-THYRO1000072//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%//P11799

C-THYRO1000092

15

C-THYRO1000121//Homo sapiens mRNA for KIAA1116 protein, complete cds.//0//2159bp//99%//AB029039

20 C-THYRO1000124

C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//0//2362bp//99%//AJ005698

25

C-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//0//1409bp//98%//AB014552

30 C-THYRO1000206

C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-118//239aa//66%//P51523

35

C-THYRO1000253

C-THYRO1000270

40

C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//0//2161bp//99%//AB016068

45 C-THYRO1000320

C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%//P17563

50

C-THYRO1000368

C-THYRO1000381

55

C-THYRO1000387

C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete

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cds.//1.20E-299//1325bp//99%//AF072864

5 C-THYRO10003957//Homo sapiens actin-binding protein (IPP) mRNA, complete
cds.//0//2092bp//99%//AF156857

C-THYRO1000401

10 C-THYRO1000488//Homo sapiens HFB30 mRNA, complete
cds.//0//2254bp//100%//AB022663

15 C-THYRO1000501//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)).//4.20E-98//408aa//42%//P19474

C-THYRO1000558

20 C-THYRO1000570

C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete
cds.//0//3080bp//99%//AF140360

25 C-THYRO1000625

30 C-THYRO1000637

C-THYRO1000676

35 C-THYRO1000684//Homo sapiens mRNA for KIAA0872 protein, complete
cds.//0//2131bp//99%//AB020679

C-THYRO1000712

40 C-THYRO1000805

C-THYRO1000815

45 C-THYRO1000855

50 C-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C
REDUCTASE).//7.50E-57//315aa//43%//P32322

C-THYRO1000988

55 C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//8.40E-
12//167aa//29%//P31948

C-THYRO1001120//Mus musculus FX-induced thymoma transcript (FXI-T1) mRNA, complete

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cds.//1.90E-92//1479bp//66%//U38252

5 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTSZ) gene, exons 4, 5, and 6 and complete cds; and TH1 gene partial sequence.//3.80E-100//478bp//99%//AF136276

C-THYRO1001262

10 C-THYRO1001271

15 C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-ALPHA-MANNOSIDASE) (FRAGMENT).//3.40E-51//429aa//33%//P45701

C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds.//0//2330bp//94%//AF121861

20 C-THYRO1001347

25 C-THYRO1001363//Homo sapiens mRNA; cDNA DKFZp56400423 (from clone DKFZp56400423).//0//2173bp//99%//AL080120

C-THYRO1001374//Homo sapiens mRNA forKIAA0707 protein, partial cds.//0//1700bp//99%//AB014607

30 C-THYRO1001403

C-THYRO1001405//PLECTIN.//6.90E-19//450aa//27%//P30427

35 C-THYRO1001406//Homo sapiens steroid dehydrogenase homolog mRNA, complete cds.//0//1676bp//98%//AF078850

40 C-THYRO1001426

C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.70E-171//559aa//59%//P35580

45 C-THYRO1001480

C-THYRO1001487

50 C-THYRO1001584

C-THYRO1001661

55 C-THYRO1001746

C-THYRO1001772

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C-THYRO1001854

5 C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds.//8.90E-205//1435bp//81 %//AF171060

10 C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds.//0//2929bp//96%//AF126484

C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete cds.//0//1515bp//99%//AF123534

15 C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds.//0//2644bp//81%//AB030835

C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//0//2048bp//93%//X84692

20

C-Y79AA1000410

C-Y79AA1000539

25

C-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence.//1.00E-302//1375bp//99%//AF091080

30

C-Y79AA1000802

C-Y79AA1000827

35

C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757

C-Y79AA1000969

40

C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962

45

C-Y79AA1001061

C-Y79AA1001068

50

C-Y79AA1001216

C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738

55

C-Y79AA1001511

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C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//2.50E-14//410aa//24%//Q00547

5 C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds.//1.40E-78//227aa//40%//Q01820

10 C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete cds.//0//2927bp//97%//AF192913

15 C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTIVATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN).//4.50E-08//135aa//31%//P43489

C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//9.00E-17//120aa//45%//Q24133

20 C-Y79AA1002210//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//0.0000018//140aa//25%//Q13829

25 C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3.//1.70E-17//146aa//35%//016264

C-Y79AA1002220

30 C-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//0//3168bp//99%//AB014592

35 C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete cds.//0//2106bp//99%//AB013384

40 C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//6.90E-140//966bp//82%//Y18208

C-Y79AA1002399//Homo sapiens mRNA for sperm protein.//0//1163bp//95%//X91879

45 C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsh) mRNA, complete cds.//3.9e-317//1902bp//86%//U49385

50 C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).//9.80E-62//318aa//35%//Q04725

C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.70E-137//340aa//51%//Q05481

55 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//7.3e-310//1444bp//98%//AF129534

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C-HEMBA1000290

C-HEMBA1000459

5 C-HEMBA1000505

10 C-HEMBA1001196//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-268//1213bp//100%//J04088

C-HEMBA1002503

15 C-HEMBA1002508

C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//0//2432bp//99%//AJ011972

20 C-HEMBA1003480

C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//58%//P00736

25 C-HEMBA10036451//TPPD PROTEIN.//2.40E-10//289aa//23%//O15736

30 C-HEMBA1003646//Homo sapiens mRNA for KIAA1013 protein, partial cds.//0//3049bp//99%//AB023230

C-HEMBA1003667

35 C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-09//611aa//22%//P23253

40 C-HEMBA1003827

C-HEMBA1003838

45 C-HEMBA1004055

C-HEMBA1004056

50 C-HEMBA1004086

C-HEMBA1004335

55 C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471

C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT

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INTERACTING PROTEIN).//3.10E-51//152aa//40%//Q61221

5 C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333

C-HEMBA1004507

10 C-HEMBA1004638

C-HEMBA1004669//SON PROTEIN (SON3).//7.30E-17//288aa//36%//P18583

15 C-HEMBA1004709

C-HEMBA1004860

20 C-HEMBA1005206//Drosophila simulans anon73B1 gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308

25 C-HEMBA1005472

C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.90E-129//332aa//61%//002193

30 C-HEMBA1005572

C-HEMBA1005780

35 C-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//2371bp//100%//AF082516

40 C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT).//3.10E-33//81aa//64%//Q61001

C-HEMBA1006124

45 C-HEMBA1006461

C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL- ACYL CARRIER PROTEIN REDUCTASE).//4.00E-33//177aa//42%//P25716

50 C-HEMBA1006617

C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//015509

55

C-HEMBA1006779

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C-HEMBA1006796

C-HEMBA1006812

5 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete
cds.//0//1837bp//99%//U35832

10 C-HEMBA1007174//Homo sapiens mRNA for KIAA1065 protein, complete
cds.//0//1079bp//97%//AB028988

C-HEMBA1000240

15 C-HEMBA1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516

C-HEMBA1000335

20 C-HEMBA1000337

C-HEMBA1000554

25 C-HEMBA1000573

C-HEMBA1000749

30 C-HEMBA1000774

C-HEMBA1000835

35 C-HEMBA1001197

C-HEMBA1001315

40 C-HEMBA1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//2.10E-57//941aa//27%//Q05481

45 C-HEMBA1001500

C-HEMBA1001562//CYLICIN II (MULTIPLE-BAND POLYPEPTIDE II).//1.40E-
06//373aa//21%//Q28092

50 C-HEMBA1001619

C-HEMBA1001630

55 C-HEMBA1001665

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C-HEMBB1001684//Homo sapiens mRNA for KIAA1108 protein, partial
 cds.//0//2348bp//99%//AB029031

5 C-HEMBB1001812

C-HEMBB1001834

10 C-HEMBB1001869

C-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S
 1).//5.40E-75//241aa//48%//P47853

15

C-HEMBB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1
 HORMONE RECEPTOR) (CELL SURFACE GLYCOPROTEIN F4/80).//1.90E-
 22//210aa//27%//Q61549

20

C-HEMBB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709

25 C-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete
 cds.//1.60E-131//874bp//86%//U47742

30 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E)
 (DEUBIQUITINATING ENZYME 64E).//6.90E-132//561aa//50%//Q24574

C-HEMBB1001925

35 C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715

C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163

40 C-HEMBB1002152

C-HEMBB1002300

45 C-HEMBB1002381

C-HEMBB1002383

50 C-HEMBB1002534

C-MAMMA1000143

55 C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.40E-
 134//359aa//63%//P51523

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C-MAMMA1000227

5 C-MAMMA1000257

C-MAMMA1000264

10 C-MAMMA1000270

C-MAMMA1000279

15 C-MAMMA1000372

C-MAMMA1000559

20 C-MAMMA1000752

C-MAMMA1000760

25 C-MAMMA1000778

C-MAMMA1000855

30 C-MAMMA1000859

C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (ITI
HEAVY CHAIN H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP)
./1.00E-141//576aa//37%//Q06033

35 C-MAMMA1000940

40 C-MAMMA1001073

C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds./1.6e-
312//1596bp//94%//AF067420

45 C-MAMMA10011987/Homo sapiens eps15RmRNA, partial cds./0//2253bp//99%//AB015346

C-MAMMA1001202

50 C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN./6.60E-09//255aa//29%//P12978

C-MAMMA1001252

55 C-MAMMA1001296

C-MAMMA1001502

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C-MAMMA1001630

5 C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910

C-MAMMA1001683

10 C-MAMMA1001715

C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility
protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687

15 C-MAMMA1001760

C-MAMMA1001769

20 C-MAMMA1001785

C-MAMMA1001848

25 C-MAMMA1001874

C-MAMMA1001956

30 C-MAMMA1002009

C-MAMMA1002033

35 C-MAMMA1002155

C-MAMMA1002498

40 C-MAMMA1002545

C-MAMMA1002571

45 C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3)(GLUCAN 1,4-
ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.60E-
19//666aa//23%//P08640

50 C-MAMMA1002590

C-MAMMA1002617//ZINC FINGER PROTEIN 135.//7.60E-89//252aa//57%//P52742

55 C-MAMMA1002618

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C-MAMMA1002636
 C-MAMMA1002646
 5 C-MAMMA1002665
 C-MAMMA1002708
 10 C-MAMMA1002728
 C-MAMMA1002744
 15 C-MAMMA1002764
 C-MAMMA1002765
 20 C-MAMMA1002830
 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN
 25 PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%//P52178
 C-MAMMA100285 8//Rat cMG1 mRNA.//3.70E-238//1147bp//92%//X52590
 30 C-MAMMA1002880
 C-MAMMA1002892
 35 C-MAMMA1002909
 C-MAMMA1002941
 40 C-MAMMA1002947
 C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-
 45 05//69aa//42%//P40343
 C-MAMMA1002973
 C-MAMMA1002987
 50 C-MAMMA1003003
 C-MAMMA1003026//Homo sapiens HSPC057 mRNA, complete
 55 cds.//0//1773bp//98%//AF161542
 C-MAMMA1003031

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C-MAMMA1003089

5 C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX
TRANSPORTER 2)//1.00E-07//362aa//23%//P39843

C-NT2RM1000272

10 C-NT2RM1000341

C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein//3.00E-
15 158//733bp//99%//AJ238097

C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete
20 cds//3.40E-177//814bp//99%//AF103731

C-NT2RM1000623//RIBONUCLEASE INHIBITOR//4.40E-21//372aa//30%//P10775

C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-)
25 //5.60E-08//187aa//27%//P49695

C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete
30 cds//0//3541bp//99%//AF084458

C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete
cds//0//5107bp//99%//AF082516

35 C-NT2RM1001082

C-NT2RM1001112

40 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds//1.20E-
28//805bp//61%//AF053091

C-NT2RM2001360//Homo sapiens clone C40 unknown mRNA//1.00E-
45 250//1136bp//100%//AF103798

C-NT2RM2001797//Homo sapiens mRNA; cDNA DKFZp572C163 (from clone
50 DKFZp572C163); partial cds//0//2300bp//100%//AL110217

C-NT2RM2001803//Homo sapiens IkappaB kinase cbmplex associated protein (IKAP)
mRNA, complete cds//0//2249bp//99%//AF044195

55 C-NT2RM4002504

C-NT2RP1000409

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C-NT2RP1000460//Homo sapiens mRNA for KIAA1068 protein, partial
 cds.//0//3199bp//99%//AB028991
 5
 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete
 cds.//9.70E-196//901bp//99%//AF173378
 10
 C-NT2RP1000796
 C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-
 253//425aa//98%//P51522
 15
 C-NT2RP2001214
 C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
 .//2.00E-128//409aa//45%//Q05481
 20
 C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete
 cds.//0//3712bp//99%//AB024334
 25
 C-NT2RP2002056
 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone
 30 receptor.//0//1644bp//98%//X65634
 C-NT2RP2002333
 35
 C-NT2RP2002677
 C-NT2RP2002755
 40
 C-NT2RP2002843
 C-NT2RP2003101
 45
 C-NT2RP2003668
 C-NT2RP2003799
 50
 C-NT2RP2004095
 C-NT2RP2004300
 55
 C-NT2RP2004675
 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR

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PROTEIN) (HETEROCHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-BP38 PROTEIN).//4.20E-09//804aa//22%//Q61687

5 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//2.10E-308//1437bp//98%//AF045583

10 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137.//4.00E-14//99aa//43%//Q14444

C-NT2RP2005726

15 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//4.40E-55//358aa//42%//P51005

C-NT2RP2005980

20 C-NT2RP2006184//Homo sapiens mRNA for KIAA0918 protein, partial cds.//0//4235bp//99%//AB020725

25 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131

C-NT2RP2006554

30 C-NT2RP3000584

C-NT2RP3001115

35 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA, complete cds.//1.40E-58//1138bp//63%//AF193613

40 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-).//1.30E-22//227aa//33%//P08458

C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds.//0//2443bp//99%//U87791

45 C-NT2RP3002402

50 C-NT2RP3002484//Homo sapiens mRNA for KIAA0998 protein, partial cds.//1.20E-124//597bp//98%//AB023215

C-NT2RP3002512

55 C-NT2RP3002713

C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//1.00E-07//70aa//41%//P17564

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C-NT2RP3002799

5 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4.//2.20E-10//260aa//26%//Q31125

C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.//5.70E-226//303aa//97%//P51026

10 C-NT2RP3002955

C-NT2RP3002985

15 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//3.80E-152//1007bp//82%//U78090

20 C-NT2RP3003121

C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//1998bp//91%//AB011414

25 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2159bp//98%//AF071592

30 C-NT2RP3003155

C-NT2RP3003157

35 C-NT2RP3003185//TROPOMYOSIN 1, FUSION PROTEIN 33.//2.80E-06//402aa//23%//P49455

C-NT2RP3003264

40 C-NT2RP3003346

C-NT2RP3003403

45 C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//6.30E-270//743bp//90%//AF071317

50 C-NT2RP3003500//SCY1 PROTEIN.//9.20E-27//601aa//23%//P53009

C-NT2RP3003572

55 C-NT2RP3003576

C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete

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cds.//0//1690bp//99%//AB013885

5 C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//2.20E-13//146aa//42%//P14209

10 C-NT2RP3003680//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154); complete cds.//0//2047bp//95%//AL080155

C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds.//9.00E-238//1529bp//84%//U71294

15 C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete cds.//1.90E-163//924bp//89%//AF130457

20 C-NT2RP3003828

C-NT2RP3003932

25 C-NT2RP3003992//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186).//0//2739bp//99%//AL050019

30 C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//6.50E-240//1215bp//94%//X84692

C-NT2RP3004028

35 C-NT2RP3004041

C-NT2RP3004051

40 C-NT2RP3004078//H.sapiens HRFX2 mRNA.//0//1806bp//99%//X76091

C-NT2RP3004093

45 C-NT2RP3004095

C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds.//4.60E-229//1560bp//78%//AF126747

50 C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//7.90E-05//271aa//22%//P08640

55 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948

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C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1J/1.30E-14//242aa//24%//Q00808

5 C-NT2RP3004332

C-NT2RP3004349

10 C-NT2RP3004470

C-NT2RP4000035

15 C-NT2RP4000049

C-NT2RP4000102

20 C-NT2RP4000167

C-NT2RP4000515

25 C-NT2RP4000517

C-NT2RP4000519

30 C-NT2RP5003512//Homo sapiens mRNA for KIAA1291 protein, partial cds.//0//1980bp//99%//AB033117

C-OVARC1000092

35

C-OVARC1000533

C-OVARC1000678

40

C-OVARC1000689//Homo sapiens mRNA; cDNA DKFZp434C1415 (from clone DKFZp434C1415); partial cds.//0//2032bp//99%//AL133014

45 C-OVARC1000802

C-OVARC1000890

50 C-OVARC1000891

C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//82%//AB005549

55

C-OVARC1001072

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C-OVARC1001117

5 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192

10 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//X62083

C-OVARC1001329

15 C-OVARC1001341

C-OVARC1001376

20 C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//AF016507

C-OVARC1001873

25 C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//1.60E-81//212aa//70%//P34547

30 C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-241//1124bp//98%//AF135421

35 C-PLACE1001036//Homo sapiens mRNA for KIAA1017 protein, complete cds.//0//2117bp//99%//AB023234

C-PLACE1001076

40 C-PLACE1001118//ZINC FINGER PROTEIN 135.//5.40E-147//443aa//57%//P52742

C-PLACE1001366

45 C-PLACE1001545

C-PLACE1001608

50 C-PLACE1002004

C-PLACE1002256

55 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233

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C-PLACE1002591//CORONIN-LIKE PROTEIN P57.//4.40E-70//208aa//66%//P31146

5 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete
cds.//0//2462bp//89%//AF079765

C-PLACE1003383

10 C-PLACE1003864

C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN.//5.20E-
15 47//577aa//25%//P10267

C-PLACE1004913

20 C-PLACE1004979

C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.//6.6e-
313//1413bp//99%//AF132950

25 C-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial
cds.//0//2431bp//99%//AB011148

30 C-PLACE1005128

C-PLACE1005162

35 C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete
cds.//3.90E-212//1040bp//96%//AF113539

C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A).//1.10E-
40 09//93aa//31%//P32959

C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice
variant NET1A.//7.60E-97//1287bp//67%//AJ010046

45 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN)
(IER 2.9/ER2.6).//6.80E-09//267aa//30%//P29128

50 C-PLACE1005611//Mus musculus mRNA for mDjIO, complete cds.//2.00E-
33//379bp//66%//AB028860

C-PLACE1005802

55 C-PLACE1005850

C-PLACE1005898

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C-PLACE1005932

5 C-PLACE1006129//Homo sapiens HSPC057 mRNA, complete
cds.//0//2849bp//98%//AF161542

10 C-PLACE1006360

C-PLACE1006795

15 C-PLACE1006878//TRNA-SPUCING ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9)
(TRNA-INTRON ENDONUCLEASE).//1.90E-08//122aa//36%//P16658

C-PLACE1007557

20 C-PLACE1007807

C-PLACE1008181

25 C-PLACE1008426//Homo sapiens mRNA for KIAA1288 protein, partial
cds.//0//3311bp//99%//AB033114

30 C-PLACE1008455

C-PLACE1008941

35 C-PLACE1009935

C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//1.20E-
18//467aa//30%//P46804

40 C-PLACE1011891

C-PLACE10118967//Mus musculus Wnt10a mRNA, complete cds.//2.60E-
287//1820bp//85%//U61969

45 C-PLACE2000003

C-PLACE2000132

50 C-PLACE2000170

C-PLACE2000335

55 C-PLACE3000124

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C-PLACE3000158

C-PLACE3000207

5 C-PLACE3000221

C-PLACE3000271

10 C-PLACE3000304

C-PLACE3000322

15 C-PLACE3000341

C-PLACE3000373

20 C-PLACE3000399

C-PLACE3000401

25 C-PLACE3000402

C-PLACE3000406

30 C-PLACE3000475

C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
35 ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//1.70E-
15//740aa//23%//P08640

C-PLACE4000093

40 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete
cds.//0//4199bp//97%//AF146689

45 C-PLACE4000131//Homo sapiens mRNA; cDNA DKFZp586J0917 (from clone
DKFZp586J0917); partial cds.//0//1612bp//97%//AL117455

C-PLACE4000247

50 C-PLACE4000250

C-PLACE4000252

55 C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD
protein.//0//5143bp//90%//Z70200

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- C-PLACE4000261//PEREGRIN (BR140 PROTEIN)//9.50E-10//128aa//34%//P55201
- 5 C-PLACE4000320
- C-PLACE4000344
- 10 C-PLACE4000367
- C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME)//7.20E-22//54aa//62%//Q01576
- 15 C-PLACE4000411//Homo sapiens mRNA; cDNA DKFZp586D0624 (from clone DKFZp586D0624); partial cds.//0//2159bp//98%//AL117654
- 20 C-PLACE4000487
- C-PLACE4000494
- 25 C-PLACE4000521
- C-PLACE4000548//Homo sapiens mRNA for KIAA0947 protein, partial cds.//0//4864bp//99%//AB023164
- 30 C-SKNMC1000013//Homo sapiens ATP-binding cassette protein M-ABC1 mRNA, nuclear gene encoding mitochondrial protein, complete cds.//0//2384bp//99%//AF047690
- 35 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%//AB021663
- 40 C-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//0//3711bp//99%//AB018333
- C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete cds.//0//1557bp//91%//AF118566
- 45 C-THYRO1001142
- C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//1.10E-200//546aa//62%//005481
- 50 C-THYRO1001320
- 55 C-THYRO1001537//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone DKFZp586A0522); partial cds.//0//1010bp//98%//AL050159

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C-THYRO1001602

5 C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-34//220aa//38%//Q04652

C-THYRO1001828

10 C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete cds.//0//2520bp//99%//AF157833

C-Y79AA1001167

15 C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//4708bp//99%//AF055084

20 C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7.//9.40E-12//34aa//97%//P51149

C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.00E-257//549aa//76%//P16415

25 C-HEMBA1006092

C-HEMBA1006406

30 C-HEMBA1000790

C-HEMBA1000917

35 C-HEMBA1002280

C-MAMMA1000802

40 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//P20931

45 C-MAMMA1002597

C-MAMMA1002868

50 C-NT2RP2003161

C-NT2RP2003339

55 C-NT2RP3001282

C-PLACE1001761

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C-PLACE1004491

5 C-PLACE1004686

C-PLACE1005574

10 C-PLACE1006382

C-PLACE1006792

15 C-PLACE3000455

C-PLACE4000230//Mus musculus semaphorin V1a mRNA, complete
cds.//0//2567bp//88%//AF030430

20 C-THYRO1000916

C-HEMBA1000327

25 C-HEMBB1000637

C-HEMBB1001967

30 C-MAMMA1000266

C-NT2RP2002979

35 C-PLACE1007866

C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE PAK-GAMMA (EC 2.7.1.-)
(GAMMA-PAK) (P21-ACTIVATED KINASE 2) (PAK-2) (PAK65) (S6/H4 KINASE).//9.80E-
25//155aa//45%//Q13177

40 C-PLACE4000156//ZINC FINGER PROTEIN 132.//7.10E-151//476aa//46%//P52740

45 C-THYRO1001637

C-MAMMA1002215

50 C-MAMMA1002721

C-NT2RP2002070

55

Homology search result 14.

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5 Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequences. In the result of the search shown below, both units, aa and bp, are used as length units for the sequences to be compared. Each data includes Clone name, Definition in matching data, P value, Length of sequence to be compared, Homology, and Accession number (No.) of matching data. These items are shown in this order, separated by a double-slash mark, //.

10

C-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.90E-250//554aa//85%//061712

15

C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//6.40E-99//457aa//45%//Q09996

C-HEMBA1000020//Homo sapiens beta 2 gene.//7.50E-264//1194bp//95%//X02344

20

C-HEMBA1000030//Homo sapiens ARF GTPase-activating protein GIT1 mRNA, complete cds.//0//1759bp//99%//AF124490

25

C-HEMBA1000129//HYPOTHETICAL HEUCASE C8A4.08C IN CHROMOSOME I.//3.80E-25//166aa//36%//Q09884

30

C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1135bp//100%//AF196304

C-HEMBA1000150//Homo sapiens putative RNA helicase mRNA, complete cds.//5.20E-213//525bp//99%//AF085356

35

C-HEMBA1000156//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//1.90E-12//368aa//24%//P08553

40

C-HEMBA1000158//HEPATOCYTE NUCLEAR FACTOR 3-GAMMA (HNF-3G).//5.00E-16//166aa//36%//P35584

45

C-HEMBA1000168//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE D.//2.90E-14//303aa//25%//P35662

C-HEMBA1000185//RAS-RELATED PROTEIN RAL-A.//3.40E-12//125aa//31 %//P48555

50

C-HEMBA1000201//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//1612bp//99%//AJ011738

55

C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//1.00E-86//146aa//56%//Q61221

C-HEMBA1000303//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//7.10E-254//1440bp//87%//AF030131

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- 5 C-HEMBA1000304//Rattus norvegicus Ca²⁺-dependent activator protein (CAPS) mRNA, complete cds.//5.10E-131//712bp//91%//U16802
- C-HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1//5.20E-49//107aa//91%//035594
- 10 C-HEMBA1000333//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.//0//1866bp//100%//AF174601
- 15 C-HEMBA1000369//Homo sapiens mRNA for PICK1, complete cds.//0//1949bp//98%//AB026491
- C-HEMBA1000411//ANKYRIN.//5.70E-12//127aa//38%//Q02357
- 20 C-HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN).//3.30E-45//481aa//29%//Q04652
- 25 C-HEMBA1000491//RAS-LIKE PROTEIN 2.//2.00E-22//188aa//31%//P22279
- C-HEMBA1000518//PECANEX PROTEIN.//2.10E-19//227aa//38%//P18490
- 30 C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.40E-44//292aa//36%//Q01755
- C-HEMBA1000531//HEAT SHOCK 70 KD PROTEIN COGNATE 1 (HEAT SHOCK 70 KD PROTEIN 70C) (FRAGMENTS).//2.60E-12//73aa//41%//P02826
- 35 C-HEMBA1000542//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//2.20E-194//663bp//83%//D89340
- 40 C-HEMBA1000555//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds.//7.90E-226//1501bp//83%//AF156529
- 45 C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.40E-37//674aa//25 %//Q05481
- C-HEMBA1000569//GPI-ANCHORED PROTEIN P137.//6.50E-19//265aabp//32%//Q60865
- 50 C-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//2.10E-144//602bp//77%//AF045573
- C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF).//2.20E-17//198aa//40%//P23246
- 55 C-HEMBA1000592//Homo sapiens sorting nexin 6 (SNX6) mRNA, complete

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cds.//0//1465bp//99%//AF121856

5 C-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.80E-55//179aa//61%//O43295

10 C-HEMBA1000657//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//7.20E-156//1366bp//76%//U35776

C-HEMBA1000851//Homo sapiens DNA binding protein p96PIF mRNA, complete cds.//0//1862bp//99%//AF173868

15 C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1.00E-78//119aa//87%//P51689

20 C-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B1 (MAGE-B1 ANTIGEN) (MAGE-XP ANTIGEN).//1.60E-30//127aa//40%//P43366

25 C-HEMBA1000919//HYPOTHETICAL 65.5 KD TRP-ASP REPEATS CONTAINING PROTEIN F02E8.5 IN CHROMOSOME X.//1.00E-10//288aa//23%//Q19124

C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34 PROTEIN KINASE) (CYCLIN-DEPENDENT KINASE 1) (CDK1).//3.10E-10//70aa//58%//P06493

30 C-HEMBA1001043//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//1.40E-12//131aa//38%//Q01485

35 C-HEMBA1001059//Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14.//4.80E-169//786bp//99%//U06088

40 C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//1.50E-92//82aa//100%//P02461

C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//2.00E-80//432bp//94%//AF119043

45 C-HEMBA1001088//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN).//3.50E-50//176aa//57%//P48059

50 C-HEMBA1001137//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065)(HA0946)(FRAGMENT).//1.50E-116//197aa//58%//Q06730

55 C-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//6.80E-79//179aa//80%//P51646

C-HEMBA1001197//Homo sapiens rap2 interacting protein x mRNA, complete cds.//0//1511bp//99%//AF112221

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C-HEMBA1001257//Homo sapiens mRNA 2-methylacyl-CoA
 racemase.//0//1672bp//99%//AJ130733
 5
 C-HEMBA1001286//COMPLEMENT DECRY-ACCELERATING FACTOR
 PRECURSOR.//0.00000002//198aa//29%//Q60401
 10 C-HEMBA1001302//Homo sapiens calcium binding protein precursor, mRNA, complete
 cds.//9.60E-258//682bp//94%//AF153686
 C-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA,
 15 complete cds.//1.40E-133//614bp//99%//AF057358
 C-HEMBA1001387//GTP-BINDING PROTEIN TC10.//2.90E-64//104aa//82%//P17081
 20 C-HEMBA1001405//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//5.60E-
 25//863bp//60%//AF053091
 C-HEMBA1001446//Homo sapiens rap2 interacting protein x mRNA, complete cds.//9.20E-
 25//719bp//68%//AF112221
 C-HEMBA1001455//Mus musculus transposon-derived Buster2 transposase-like protein
 gene, partial cds.//4.20E-290//2008bp//81%//AF205599
 30 C-HEMBA1001476//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-
 268//1213bp//100%//J04088
 C-HEMBA1001510//CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-6
 35 (FRAGMENT).//1.70E-16//63aa//61%//P18850
 C-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1).//4.90E-
 40 37//399aa//29%//P29166
 C-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2)
 45 (VAMP-2).//2.30E-53//110aa//100%//P19065
 C-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP)
 .//0//808bp//97%//AJ012449
 50 C-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT).//4.90E-156//348aa//83%//Q14141
 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.60E-
 166//506aa//60%//P42803
 55 C-HEMBA1001635//TESTIS SPECIFIC PROTEIN A (ZINC FINGER PROTEIN TSGA).//1.60E-
 10//155aa//28%//Q63679

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- 5 C-HEMBA1001651//CYTADHERENCE HIGH MOLECULAR WEIGHT PROTEIN 1
(CYTADHERENCE ACCESSORY PROTEIN 1).//6.20E-07//362aa//24%//Q50365
- C-HEMBA1001661//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT
PROTEIN).//4.60E-36//365aa//33%//P33450
- 10 C-HEMBA1001672//Homo sapiens methyl-CpG binding domain-containing protein MBD3
(MBD3) mRNA, complete cds.//0//1707bp//98%//AF072247
- C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//5.40E-
15 09//101aa//35%//P54787
- C-HEMBA1001714//Homo sapiens mRNA for ATPase inhibitor precursor, complete
20 cds.//3.70E-78//200bp//100%//AB029042
- C-HEMBA1001723//Homo sapiens G protein beta subunit mRNA, partial cds.//3.10E-
267//1212bp//99%//AF195883
- 25 C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN)
(OBCADHERIN) (OSF-4).//1.10E-38//87aa//96%//P55288
- C-HEMBA1001744//SCY1 PROTEIN.//9.90E-32//481aa//25%//P53009
- 30 C-HEMBA1001746//Homo sapiens squamous cell carcinoma antigen recognized by T cell
(SART-2) mRNA, complete cds.//7.60E-59//998bp//64%//AF098066
- 35 C-HEMBA1001804//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA,
complete cds.//0//1637bp//99%//AF125158
- C-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180.//3.80E-11//206aa//36%//P11675
- 40 C-HEMBA1001819//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.90E-
135//459aa//52%//Q99676
- 45 C-HEMBA1001822//Mus musculus Ese2L protein mRNA, complete cds.//1.90E-
235//1329bp//89%//AF132479
- C-HEMBA1001824//Homo sapiens nuclear protein NP94 mRNA, complete cds.//1.40E-
50 199//1180bp//89%//AF159025
- C-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29).//7.60E-64//221aa//55%//Q07230
- 55 C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
PRECURSOR (EC 2.4.1.-) (DUGT).//5.70E-51//234aa//41%//Q09332

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- C-HEMBA1001869//TRITHORAX PROTEIN.//9.60E-05//166aa//27%//P20659
- 5 C-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH).//9.30E-36//395aa//26%//Q63342
- C-HEMBA1001913//GCN20 PROTEIN.//2.30E-81//158aa//50%//P43535
- 10 C-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//0//1850bp//99%//AF000145
- 15 C-HEMBA1001967//Homo sapiens NY-REN-57 antigen mRNA, partial cds.//0//1721bp//99%//AF155114
- C-HEMBA1002035//Homo sapiens BAZ1A mRNA for bromodomain adjacent to zinc finger domain 1A, complete cds.//0//2149bp//99%//AB032252
- 20 C-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//1.30E-271//1583bp//88%//U92703
- 25 C-HEMBA1002102//ANKYRIN.//4.40E-10//106aa//35%//Q02357
- C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50).//7.10E-05//51aa//49%//Q14847
- 30 C-HEMBA1002151//Rattus norvegicus p34 mRNA, complete cds.//1.10E-153//1059bp//82%//AF178669
- 35 C-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//1.40E-51//180aa//56%//P79293
- 40 C-HEMBA1002177//TRANSCRIPTION FACTOR GATA-4 (GATA BINDING FACTOR-4).//6.00E-13//190aa//36%//P43694
- 45 C-HEMBA1002212//TYROSINE-PROTEIN KINASE-2 (EC 2.7.1.112) (FRAGMENT).//3.00E-17//267aa//29%//P18161
- C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//2.20E-199//392aa//89%//P47226
- 50 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//3.70E-06//95aa//33%//P46087
- 55 C-HEMBA1002267//Sus scrofa decorin mRNA, complete cds.//1.10E-46//302bp//90%//AF125537

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- C-HEMBA1002341//P53-BINDING PROTEIN 2 (53BP2) (FRAGMENT).//3.80E-55//109aa//96%//Q62415
- 5 C-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//1847bp//99%//AF092563
- 10 C-HEMBA1002417//mGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1) .//1.00E-121//489aa//52%//P39447
- C-HEMBA1002419//TRICHOHYALIN.//1.90E-09//299aa//24%//P22793
- 15 C-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.//4.20E-24//109aa//55%//Q00994
- 20 C-HEMBA1002469//DXS8237E PROTEIN (FRAGMENT).//3.50E-50//199aa//61%//P98175
- C-HEMBA1002475//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN) .//1.10E-12//285aa//31%//P17437
- 25 C-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1.//6.80E-53//257aa//36%//P48732
- 30 C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21) .//0//2432bp//99%//AJ011972
- C-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds.//0//1605bp//97%//AF016903
- 35 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete cds.//5.30E-51//768bp//68%//AF055993
- 40 C-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//6.80E-305//951bp//99%//AF075587
- 45 C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7).//5.00E-37//268aa//34%//P06746
- C-HEMBA1002768//Mus musculus formin binding protein 17 mRNA, partial cds.//7.80E-237//1522bp//85%//AB011126
- 50 C-HEMBA1002770//Rattus norvegicus mRNA for TIP120, complete cds.//2.90E-176//1024bp//88%//D87671
- 55 C-HEMBA1002777//Fugu rubripes BAW (BAW) mRNA, complete cds.//3.40E-54//319bp//76%//AF153879
- C-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//8.2e-

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314//1437bp//99%//AF071185

- 5 C-HEMBA1002818//Homo sapiens mRNA for fibulin-4.//2.00E-304//1383bp//99%//AJ132819
- C-HEMBA1002876//HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME n.//1.50E-44//188aa//52%//Q09297
- 10 C-HEMBA1002935//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//1.30E-15//371aa//25%//Q05481
- C-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN) 15 .//2.00E-34//300aa//34%//P16157
- C-HEMBA1002951//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110) .//4.40E-06//324aa//24%//P32380
- 20 C-HEMBA1002973//CAMP-DEPENDENT 3',5'-CYCLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4).//1.20E-27//63aa//100%//P14646
- 25 C-HEMBA1002997//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//3.80E-25//534aa//24%//Q02224
- C-HEMBA1002999//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, 30 complete cds.//1.40E-171//1552bp//75%//U20286
- C-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, 35 //0//1558bp//99%//AF054182
- C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN PRECURSOR (ALS).//1.30E-09//121aa//40%//P35858
- 40 C-HEMBA1003077//SLIT PROTEIN PRECURSOR.//2.60E-15//199aa//31%//P24014
- C-HEMBA1003096//Mouse 19.5 mRNA, complete cds.//5.60E-117//1139bp//72%//M32486
- 45 C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.//6.20E-273//1253bp//99%//AF155096
- C-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//8.50E-51//221aa//33%//P41940
- 50
- C-HEMBA1003148//Homo sapiens mRNA for dachshund 55 protein.//0//1583bp//99%//AJ005670
- C-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-

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METHYLTRANSFERASE (EC 2.1.1.61).//5.90E-74//134aa//53%//P44551

5 C-HEMBA1003199//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//8.50E-87//285bp//90%//AF129534

C-HEMBA1003235//TROPOMYOSIN.//2.30E-06//109aa//33%//Q02088

10 C-HEMBA1003250//PROTEIN KINASE APK1A (EC 2.7.1.-).//7.20E-41//245aa//42%//Q06548

C-HEMBA1003281//POLIOVIRUS RECEPTOR PRECURSOR.//6.00E-11//239aa//32%//P32506

15 C-HEMBA1003286//Homo sapiens mRNA for beta-1,4-galactosyltransferase IV, complete cds.//5.40E-229//1043bp//99%//AB024436

20 C-HEMBA1003291//SNF1-RELATED PROTEIN KINASE KIN10 (EC 2.7.1.-) (AKIN10)7//6.20E-28//126aa//51%//Q38997

25 C-HEMBA1003369//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//2.00E-08//248aa//23%//Q02224

30 C-HEMBA1003408//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (VERSION 1).//7.80E-13//297aa//30%//P18616

C-HEMBA1003417//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds.//1.50E-255//1179bp//99%//AF095192

35 C-HEMBA1003418//TRICHOHYALIN.//8.70E-19//281aa//31%//P37709

C-HEMBA1003433//Homo sapiens gene for NBS1, complete cds.//0//511bp//94%//AB013139

40 C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//58%//P00736

45 C-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (TSLET-2).//8.80E-189//360aa//96%//P50480

50 C-HEMBA1003555//NUCLEOTIDE-BINDING PROTEIN (NBP).//2.10E-68//251aa//52%//P53384

C-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAMMA-I).//1.20E-31//71aa//100%//P16874

55 C-HEMBA1003568//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//7.90E-49//279aa//32%//P19474

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- C-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//6.90E-206//445aa//74%//Q13330
- 5 C-HEMBA1003581//TALIN.//4.40E-45//52aa//98%//P26039
- C-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//4.40E-10//118aa//35%//P19682
- 10 C-HEMBA1003615//Homo sapiens ART-4 mRNA, complete cds.//0//1713bp//99%//AB026125
- C-HEMBA1003617//Homo sapiens ubiquitin-like product Chap1/Dsk2 mRNA, complete cds.//6.90E-178//501bp//97%//AB015344
- 15 C-HEMBA1003645//TIPD PROTEIN.//2.40E-10//289aa//23%//O15736
- 20 C-HEMBA1003662//TBX2 PROTEIN (T-BOX PROTEIN 2).//1.20E-75//151aa//99%//Q13207
- C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-09//611aa//22%//P23253
- 25 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//2.40E-92//423aa//47%//P34629
- 30 C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2.00E-73//526aa//32%//Q13105
- C-HEMBA1003690//HISTONE DEACETYLASE HDA1.//2.10E-59//249aa//47%//P53973
- 35 C-HEMBA1003742//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds.//1.70E-44//501bp//67%//AF037339
- 40 C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//3.70E-124//347aa//55%//Q16665
- 45 C-HEMBA1003773//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//5.80E-81//511bp//86%//U17343
- C-HEMBA1003783//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//1.10E-190//1204bp//84%//AF084259
- 50 C-HEMBA1003805//Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds.//0//988bp//95%//AF090402
- 55 C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%//P40484

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- C-HEMBA1003866//Mus musculus semaphorin VIa mRNA, complete cds.//1.20E-105//1192bp//70%//AF030430
- 5 C-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//3.80E-16//89aa//46%//P16372
- 10 C-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//8.50E-221//1188bp//78%//AF091234
- C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//1.60E-166//416aa//72%//Q14141
- 15 C-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//3.90E-208//951 bp//99%//AF067855
- 20 C-HEMBA1004199//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//8.40E-60//243aa//39%//P34529
- C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.20E-30//208aa//37%//P51153
- 25 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.50E-12//258aa//29%//P40991
- C-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//0//1892bp//99%//U50748
- 30 C-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//5.70E-217//1217bp//88%//AF095927
- 35 C-HEMBA1004248//INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 (IMMEDIATE-EARLY PROTEIN CL-6).//2.00E-43//98aa//84%//Q08755
- 40 C-HEMBA1004275//Homo sapiens PHD-finger protein (GRC5) mRNA, complete cds.//1.10E-152//1403bp//69%//AF043725
- 45 C-HEMBA1004276//Homo sapiens AP-4 adaptor complex beta4 subunit mRNA, complete cds.//4.80E-257//738bp//99%//AF092094
- C-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//0//1982bp//99%//AF022795
- 50 C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103
- 55 C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.30E-93//357aa//42%//Q99676
- C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471

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- C-HEMBA1004354//CHL1 PROTEIN.//9.90E-26//130aa//42%//P22516
- 5 C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494
- C-HEMBA1004389//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1437bp//99%//AF125158
- 10 C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CYCLOPHILIN-10).//3.20E-32//148aa//52%//P52017
- 15 C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//3.10E-51//152aa//40%//Q61221
- C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333
- 20 C-HEMBA1004509//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME ,4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-12//200aa//28%//Q13107
- 25 C-HEMBA1004534//Homo sapiens gamma-filamin (ABPL) mRNA, complete cds.//1.2e-316//1445bp//99%//AF089841
- 30 C-HEMBA1004573//Homo sapiens mRNA for HELG protein.//2.00E-59//483bp//68%//AJ277291
- 35 C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844
- 40 C-HEMBA1004669//SON PROTEIN (SON3).//7.30E-17//288aa//36%//P18583
- C-HEMBA1004697//MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGMENT).//2.90E-05//303aa//21%//P35749
- 45 C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITTIN CARRIER PROTEIN) (PM42).//9.90E-39//143aa//52%//P42743
- 50 C-HEMBA1004752//Homo sapiens mRNA for LAK-4p, complete cds.//4.60E-109//650bp//89%//AB002405
- 55 C-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds.//9.10E-34//515bp//66%//U49082

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C-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds.//2.60E-246//1249bp//94%//L39060

5 C-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.40E-111//314aa//58%//P08547

C-HEMBA1004795//CDC4-UKE PROTEIN (FRAGMENT).//3.80E-69//198aa//66%//P50851

10

C-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//8.20E-154//317aa//94%//Q00004

15 C-HEMBA1004889//Human C3f mRNA, complete cds.//6.70E-24//341aabp//26%//U72515

C-HEMBA1004929//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.50E-05//148aa//24%//P25386

20

C-HEMBA1004930//26S PROTEASOME SUBUNIT S5B (KIAA0072) (HA1357).//3.30E-27//65aa//100%//Q16401

25 C-HEMBA1004972//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEURO FILAMENT PROTEIN) (NF-H).//0.00000096//286aa//23%//P12036

C-HEMBA1004973//ZINC-BINDING PROTEIN A337//4.10E-08//121aa//33%//Q02084

30

C-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//0//1813bp//99%//AF041474

35 C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete cds.//0//1487bp//99%//AF132947

C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-101//106aa//98%//P35290

40

C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//0//2762bp//99%//AF080561

45

C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.//0//1608bp//99%//AF132941

50 C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-179//361aa//95%//Q00004

C-HEMBA1005206//Drosophila simulans anon73Bl gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308

55

C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.30E-10//189aa//25%//P39929

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- 5 C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-241//1095bp//99%//AJ007581
- C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743
- 10 C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-77//620bp//74%//AF071787
- C-HEMBA1005394//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete cds.//3.90E-126//1097bp//75%//AF200357
- 15 C-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.//2.00E-213//537bp//99%//AF041248
- 20 C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.90E-129//332aa//61%//O02193
- 25 C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//3.10E-154//285aa//99%//Q60809
- C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.//0//1578bp//98%//AF191340
- 30 C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA, complete cds.//1.00E-220//1014bp//99%//AF134157
- 35 C-HEMBA1005558//NUCLEAR PROTEIN SNF7.//6.40E-16//170aa//31%//P39929
- C-HEMBA1005576//Mus musculus mRNA for plexin 2, complete cds.//1.20E-122//870bp//82%//D86949
- 40 C-HEMBA1005581//Homo sapiens SLIT2 (SLIL2) mRNA, complete cds.//0//1721bp//100%//AF133270
- 45 C-HEMBA1005582//TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II) (CYTOSKELETAL TROPOMYOSIN).//0.00000009//213aa//27%//P09492
- 50 C-HEMBA1005595//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC).//2.30E-54//562aa//29%//P34036
- C-HEMBA1005621//Homo sapiens Mad2-like protein mRNA, complete cds.//8.00E-211//962bp//99%//AF072933
- 55 C-HEMBA1005666//Homo sapiens mRNA for DIPB protein.//8.60E-147//685bp//99%//AJ249128

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5 C-HEMBA1005699//EPHRIN-B3 PRECURSOR (EPH-RELATED RECEPTOR TYROSINE KINASE LIGAND 8) (LERK-8) (EPH-RELATED RECEPTOR TRANSMEMBRANE LIGAND ELK-L3).//2.10E-37//98aa//81 %//Q15768

10 C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT).//4.40E-17//167aa//34%//P25296

15 C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE).//2.00E-36//342aa//33%//P00789

20 C-HEMBA1005931//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.60E-15//76aa//51%//P51522

25 C-HEMBA1005990//Homo sapiens l-1 receptor candidate protein mRNA, complete cds.//0//2371bp//100%//AF082516

30 C-HEMBA1006031//Homo sapiens mRNA for putative phospholipase, complete cds.//0//1413bp//99%//AB019435

35 C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT).//3.10E-33//81aa//64%//Q61001

40 C-HEMBA1006067//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.//8.20E-12//297bp//64%//AF098066

45 C-HEMBA1006130//SEL-10 PROTEIN.//0.000000043//219aa//25 %//Q93794

50 C-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds.//0//155 bp//99%//AF048693

55 C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.90E-19//215aa//39%//P05142

C-HEMBA1006248//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//8.60E-23//151aa//37%//P16372

C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR.//0.00000002//62aa//53%//P42698

C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds.//3.50E-157//845bp//92%//AF073836

C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.30E-123//200aa//73%//P10265

C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE

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ADENYLYLTRANSFERASE).//1.00E-210//490aa//77%/P25500

5 C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN
NAB2.//0.000000012//176aa//30%/P32505

10 C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-).//4.20E-
12//215aa//23%/P70473

C-HEMBA1006309//Homo sapiens aspartyl aminopeptidase mRNA, complete cds.//5.30E-
169//774bp//100%/AF005050

15 C-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA,
complete cds.//3.70E-225//1189bp//88%/AF076183

20 C-HEMBA1006344//RADIXIN.//1.50E-31//333aa//28%/P26043

C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.60E-
130//332aa//62%/O02193

25 C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//3.50E-
105//381aa//54%/P28160

30 C-HEMBA1006398//Human L1 element L1.6 putative pi 50 gene, complete cds.//2.00E-
277//1729bp//85%/U93563

C-HEMBA1006445//Homo sapiens putative tumor supressor NOEY2 mRNA, complete
35 cds.//1.40E-270//1224bp//100%/U96750

C-HEMBA1006474//40 KD PROTEIN.//1.40E-39//292aa//34%/Q01552

40 C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA).//1.90E-
81//153aa//97%/P55786

C-HEMBA1006507//DIAPHANOUS PROTEIN HOMOLOG 2.//1.40E-46//316aa//32%/O60879

45 C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-
KETOACYL- ACYL CARRIER PROTEIN REDUCTASE).//4.00E-33//177aa//42%/P25716

50 C-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds.//2.80E-
206//1107bp//83%/U06944

C-HEMBA1006583//Drosophila melanogaster Scribble (scrib) mRNA, complete cds.//1.70E-
55 63//1002bp//65%/AF190774

C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN
HOMOLOG.//0.00000069//109aa//38%/Q58323

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- 5 C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//O15509
- C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.40E-44//206aa//47%//P14148
- 10 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2 INTERGENIC REGION.//3.30E-22//241aa//31%//P53196
- C-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//0.000000043//111aa//40%//Q01485
- 15 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete cds.//0//1832bp//91%//AF152492
- 20 C-HEMBA1006807//Homo sapiens mRNA for SPOP.//5.70E-125//1109bp//75%//AJ000644
- C-HEMBA1006877//OXYSTEROL-BINDINGPROTEIN.//2.00E-59//378aa//39%//P16258
- 25 C-HEMBA1006885//Homo sapiens gene for Proline synthetase associated, complete cds.//0//1467bp//96%//AB018566
- 30 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//1837bp//99%//U35832
- C-HEMBA1006941//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds.//2.10E-271//1234bp//99%//AF118649
- 35 C-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.60E-143//740bp//94%//AF004828
- 40 C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/4)GlcNAc alpha-2.3-sialyltransferase.//1.90E-80//447bp//89%//X74570
- 45 C-HEMBA1007018//DYNEIN LIGHT INTERMEDIATE CHAIN 1, CYTOSOLIC (UC57/59) (DYNEIN LIGHT CHAIN A) (DLC-A).//2.40E-188//391aa//89%//Q90828
- C-HEMBA1007087//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//8.30E-27//253aa//30%//Q10568
- 50 C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete cds.//1.70E-252//1118bp//92%//AF125042
- 55 C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete cds.//0//1900bp//99%//AF076929

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- C-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085
- 5 C-HEMBA1007194//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1588bp//99%//AF139658
- 10 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1590bp//99%//AF196304
- 15 C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-58//650bp//70%//J00060
- C-HEMBA1007251//Homo sapiens F-box protein FBX29 (FBX29) mRNA, partial cds.//5.00E-58//330bp//95%//AF176707
- 20 C-HEMBA1007300//Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1 (PDE10A) mRNA, splice variant 1, complete cds.//0//1519bp//99%//AF127479
- 25 C-HEMBA1007301//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//6.20E-18//115aa//33%//P13941
- 30 C-HEMBA1000036//Homo sapiens CGI-51 protein mRNA, complete cds.//0//1665bp//99%//AF151809
- C-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//2.80E-187//1582bp//80%//AF084928
- 35 C-HEMBA1000083//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//1.90E-22//426aa//25%//P11799
- 40 C-HEMBA1000119//Homo sapiens ASMTL gene.//0//1891bp//99%//Y15521
- C-HEMBA1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).//1.40E-24//71aa//77%//P51177
- 45 C-HEMBA1000217//Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.//0//1038bp//99%//AF090385
- 50 C-HEMBA1000226//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE EEEDB.5.//2.70E-12//112aa//47%//Q09530
- C-HEMBA1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516
- 55 C-HEMBA1000266//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHROMOSOME V.//6.10E-09//242aa//26%//Q23256

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- C-HEM BB1000317//FIBULIN-1, ISOFORM D PRECURSOR.//7.10E-62//458aa//35%//P37888
- 5 C-HEM BB1000593//Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA, complete cds.//1.30E-107//503bp//99%//AF067864
- 10 C-HEM BB1000631//LONGEVITY-ASSURANCE PROTEIN 1 (LONGEVITY ASSURANCE FACTOR 1).//4.10E-19//232aa//28%//P78970
- C-HEM BB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//2.20E-28//273aa//31%//P27671
- 15 C-HEM BB1000693//Homo sapiens neuroan1 mRNA, complete cds.//0//2952bp//94%//AF040723
- 20 C-HEM BB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//6.20E-130//692bp//93%//U53475
- 25 C-HEM BB1000763//Homo sapiens CGI-89 protein mRNA, complete cds.//0//1676bp//96%//AF151847
- C-HEM BB1000781//Homo sapiens mitogen-activated protein kinase kinase kinase MEKK2 mRNA, complete cds.//1.20E-126//613bp//97%//AF111105
- 30 C-HEM BB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//5.10E-54//232aa//43%//P39956
- 35 C-HEM BB1000831//Homo sapiens breast cancer nuclear receptor-binding auxiliary protein (BRX) mRNA, complete cds.//5.80E-60//301bp//99%//AF126008
- 40 C-HEM BB1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-).//1.10E-08//129aa//31%//P29122
- C-HEM BB1000927//Homo sapiens A-type potassium channel modulatory protein 2 (KCHIP2) mRNA, complete cds.//1.30E-126//592bp//99%//AF199598
- 45 C-HEM BB1000947//Homo sapiens clone HAW100 putative ribonuclease III mRNA, complete cds.//0//2292bp//99%//AF116910
- 50 C-HEM BB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.//3.40E-120//580bp//67%//AF099974
- 55 C-HEM BB1000985//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//8.60E-18//178aa//30%//P28575
- C-HEM BB1001011//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-73//230aa//45%//P51523

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5 C-HEMBB1001056//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120
(PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//2.90E-
19//264aa//34%//P46087

10 C-HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete
cds//3.60E-52//331bp//80%//AF010144

15 C-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.40E-
307//1447bp//97%//AF034803

20 C-HEMBB1001112//Homo sapiens sec61 homolog mRNA, complete cds.//6.00E-145//961
bp//83 %//AF077032

25 C-HEMBB1001137//Homo sapiens mRNA for putative phospholipase, complete
cds.//0//3069bp//99%//AB019435

C-HEMBB1001151//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA,
complete cds.//4.20E-210//1835bp//76%//AF110267

30 C-HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.40E-
93//196aa//54%//P46938

35 C-HEMBB1001242//Homo sapiens topoisomerase-related function protein (TRF4-2) mRNA,
partial cds.//1.80E-284//713bp//100%//AF089897

C-HEMBB1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)
.//7.00E-43//394aa//34%//P16157

40 C-HEMBB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.//7.80E-
46//163aa//51%//P46719

45 C-HEMBB1001294//GTP-BINDING PROTEIN TC10.//1.20E-79//196aa//80%//P17081

C-HEMBB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA,
complete cds.//1.30E-129//724bp//86%//U92703

50 C-HEMBB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds,
strain:BALB/c.//2.10E-65//458bp//79%//D63850

55 C-HEMBB1001339//DXS8237E PROTEIN (FRAGMENT).//4.60E-06//124aa//37%//P98175

C-HEMBB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear
gene encoding mitochondrial protein, complete cds.//1.10E-58//292bp//99%//AF097441

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- C-HEM BB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete
cds.//0//1586bp//99%//AF100757
- 5 C-HEM BB1001429//Homo sapiens leucine aminopeptidase mRNA, complete
cds.//0//1933bp//99%//AF061738
- 10 C-HEM BB1001443//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1
mRNA, complete cds.//3.00E-130//553bp//86%//AF062740
- 15 C-HEM BB1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//2.10E-57//941aa//27%//Q05481
- 20 C-HEM BB1001562//CYLICIN II (MULTIPLE-BAND POLYPEPTIDE II).//1.40E-
06//373aa//21%//Q28092
- 25 C-HEM BB1001564//VACUOLAR ATP SYNTHASE SUBUNIT H (EC 3.6.1.34) (V-ATPASE H
SUBUNIT) (V-ATPASE M9.2 SUBUNIT) (9.2 KD MEMBRANE ACCESSORY PROTEIN).//9.60E-
32//80aa//78%//O15342
- 30 C-HEM BB1001673//Homo sapiens gene for new zinc finger protein, complete
cds.//0//1919bp//99%//AB012770
- 35 C-HEM BB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3
P116) (EIF3 P110).//4.60E-15//391aa//25%//P55884
- 40 C-HEM BB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
- 45 C-HEM BB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167
- 50 C-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA,
complete cds.//0//1514bp//99%//AF056209
- 55 C-HEM BB1001839//GASTRULA ZINC FINGER PROTEIN XLCGF42.1 (FRAGMENT).//6.90E-
11//87aa//35%//P18720
- C-HEM BB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-
S1).//5.40E-75//241aa//48%//P47853
- C-HEM BB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1
HORMONE RECEPTOR) (CELL SURFACE GLYCOPROTEIN F4/80).//1.90E-
22//210aa//27%//Q61549
- C-HEM BB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709
- C-HEM BB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete

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cds.//1.60E-131//874bp//86%//U47742

5 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15)
(UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E)
(DEUBIQUITINATING ENZYME 64E).//6.90E-132//561aa//50%//Q24574

10 C-HEMBB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III
OXIDASE (EC 1.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-
41//370aa//31%//P54304

15 C-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYPIVC1).//2.70E-
49//139aa//55%//P29981

C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715

20 C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163

C-HEMBB1002193//TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 PRECURSOR
(TYROSINE-PROTEIN KINASE RSE) (TYROSINE-PROTEIN KINASE DTK) (TK19-2).//8.70E-
25 61//77aa//74%//P55144

C-HEMBB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)
.//2.10E-132//399aa//44%//Q05481

30 C-HEMBB1002266//NEURONAL PROTEIN.//2.10E-46//121aa//76%//P41737

C-HEMBB1002342//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA,
35 complete cds.//1.50E-229//1045bp//99%//AF118649

C-HEMBB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692

40 C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-
258//774bp//99%//U43885

45 C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365

C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5.00E-28//266aa//33%//P27544

50 C-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete
cds.//0//1417bp//99%//AF089749

C-HEMBB1002607//Homo sapiens vitamin D3 receptor interacting protein (DRIP80) mRNA,
55 complete cds.//2.00E-136//660bp//98%//AF105421

C-HEMBB1002705//Homo sapiens CGI-27 protein mRNA, complete cds.//7.80E-
285//841bp//96%//AF132961

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- 5 C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FMO5).//8.20E-198//868bp//99%//Z47553
- C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85; MEMBRANE PROTEIN GP37].//1.90E-07//249aa//27%//P03396
- 10 C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.50E-90//323aa//48%//P47226
- 15 C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE-- TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860
- 20 C-MAMMA1000173//Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete cds.//2.60E-164//1044bp//87%//AF197060
- C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.40E-134//359aa//63%//P51523
- 25 C-MAMMA1000284//P.walti mRNA for rnp associated protein 55.//2.20E-109//864bp//76%//X99836
- 30 C-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds.//0//1466bp//99%//AB015132
- 35 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//53%//Q09232
- C-MAMMA1000612//Homo sapiens G protein beta subunit mRNA, partial cds.//8.30E-178//1992bp//84%//AF195883
- 40 C-MAMMA1000625//GYP7 PROTEIN.//2.10E-41//198aa//40%//P48365
- 45 C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.) .//4.40E-33//250aa//33%//P42660
- C-MAMMA1000684//Homo sapiens opioid growth factor receptor mRNA, complete cds.//0//2391bp//99%//AF172451
- 50 C-MAMMA1000713//L-RBULOKINASE (EC 2.7.1.16).//7.70E-17//246aa//29%//P94524
- 55 C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1) .//1.00E-77//395aa//45%//O14646
- C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein.//0//1587bp//99%//AJ011779

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C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I.//9.00E-299//1033aa//55%//P87115

5 C-MAMMA1000824//ACTIN.//6.20E-20//284aa//28%//P53500

C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4).//7.80E-40//101aa//54%//O27540

10 C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (TTI HEAVY CHAIN H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP) .//1.00E-141//576aa//37%//Q06033

15 C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8.//0//1767bp//99%//AJ250711

C-MAMMA1001008//Homo sapiens aspartic-like protease mRNA, complete cds.//2.50E-276//1263bp//99%//AF117892

20 C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R) (LUTEINIZING HOROMINE RECEPTOR) (FRAGMENT).//1.20E-26//276aa//28%//Q90674

25 C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN]//2.60E-107//190aa//95%//Q15746

30 C-MAMMA1001041//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//1.60E-16//113aa//41%//Q01082

35 C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5.//0//1440bp//99%//AJ237946

C-MAMMA1001075//Homo sapiens CGI-72 protein mRNA, complete cds.//1.30E-181//397bp//98%//AF151830

40 C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds.//1.6e-312//1596bp//94%//AF067420

45 C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//4.00E-49//125aa//68%//P51521

50 C-MAMMA1001139//SRE-2 PROTEIN.//5.80E-35//239aa//38%//Q09273

C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.//1.30E-07//81aa//45%//Q92338

55 C-MAMMA1001198//Homo sapiens eps15R mRNA, partial cds.//0//2253bp//99%//AB015346

C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN.//6.60E-09//255aa//29%//P12978

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- 5 C-MAMMA1001259//Mus musculus F-box protein FBX18 mRNA, partial cds.//2.30E-271//1414bp//89%//AF184275
- C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//2.10E-52//630aa//30%//P34537
- 10 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN RHOGAP) (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
- 15 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//P20931
- 20 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-165//312aa//99%//P02750
- C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT).//6.50E-129//260aa//92%//P52623
- 25 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384
- 30 C-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//7.50E-276//1561bp//90%//M61764
- 35 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989
- C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910
- 40 C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ).//0.00000058//29aa//100%//P47756
- 45 C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687
- 50 C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V).//5.90E-240//445aa//97%//P09653
- C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR).//8.50E-32//171aa//36%//P21573
- 55 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete cds.//0//2332bp//99%//AF117708

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C-MAMMA1001754//Homo sapiens Vacuolar proton pump subunit SFD alpha isoform mRNA complete cds.//0//1987bp//99%//AF112204

5 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.80E-45//351aa//38%//Q58556

C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991

10

C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%//Y13148

15 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.60E-77//507aa//38%//Q07230

C-MAMMA1001868//TRICHOHYALIN.//2.70E-19//359aa//25%//P22793

20 C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds.//1.70E-252//1170bp//99%//AF099664

25 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6.00E-66//157aa//70%//P15880

30 C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR B) (NKEF-B).//5.20E-61//60aa//90%//P32119

35 C-MAMMA1002219//Rattus norvegicus rexo70 mRNA, complete cds.//1.30E-181//861bp//98%//AF032667

C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR).//8.80E-217//310aa//86%//PP70541

40 C-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//1.00E-190//1624bp//76%//AF068748

45 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.10E-214//881bp//97%//AJ011679

C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991

50 C-MAMMA1002351//Mus musculus dynactin subunit p25 (p25) mRNA, complete cds.//4.30E-119//773bp//86%//AF190795

55 C-MAMMA1002385//RIBONUCLEOPROTEIN RB97D.//1.50E-07//206aa//29%//Q02926

C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL MEMBRANE SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2).//1.10E-

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24//96aa//68%//Q14108

5 C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(⁺) SYNTHETASE (EC 6.3.5.1)
./1.00E-11//128aa//36%//P47623

10 C-MAMMA1002485//Homo sapiens stanniocalcin-related protein mRNA, complete
cds./0//1822bp//99%//AF098462

C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC
REGION./1.20E-34//337aa//31%//P43571

15 C-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma)
mRNA, complete cds./0//1910bp//99%//AF065214

20 C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)./2.60E-
19//666aa//23%//P08640

25 C-MAMMA1002617//ZINC FINGER PROTEIN 135./7.60E-89//252aa//57%//P52742

30 C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3
(EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING
PROTEASE) (DEUBIQUITINATING ENZYME)./9.50E-16//159aa//37%//Q09931

C-MAMMA1002622//VILLIN./7.20E-35//53aa//64%//P02640

35 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC)./1.30E-198//550aa//70%//Q07866

C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds./5.40E-
57//480bp//68%//AF194030

40 C-MAMMA1002655//Homo sapiens mRNA for ganglioside sialidase, complete
cds./0//1515bp//99%//AB008185

45 C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA
LIGASE) (ACYL- ACTIVATING ENZYME)./1.10E-45//618aa//26%//P27550

50 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete
cds./4.3e-317//1942bp//85%//AF018261

C-MAMMA1002769//Homo sapiens cell cycle progression restoration 8 protein (CPR8)
mRNA, complete cds./2.20E-25//330bp//77%//AF011794

55 C-MAMMA1002842//Mus musculus c-Cbl associated protein CAP mRNA, complete
cds./2.60E-58//373bp//81%//U58883

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- 5 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%/P52178
- C-MAMMA1002858//Rat cMG1 mRNA.//3.70E-238//1147bp//92%/X52590
- 10 C-MAMMA1002869//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN).//1.40E-160//305aa//85%/P48059
- C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN).//5.70E-30//214aa//35%/P48060
- 15 C-MAMMA1002937//ZINC FINGER PROTEIN 135.//8.30E-99//393aa//43%/P52742
- C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-05//69aa//42%/P40343
- 20 C-MAMMA1003011//HISTONE MACRO-H2A.1.//2.70E-123//370aa//66%/Q02874
- C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7).//7.40E-46//332aa//36%/P06746
- 25 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC 4.2.1.70) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//1.90E-13//108aa//33%/P23851
- 30 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//0//1533bp//99%/AF077952
- 35 C-MAMMA1003057//MD6 PROTEIN.//3.10E-225//419aa//97%/Q60584
- C-MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//1.10E-234//1178bp//86%/AF071316
- 40 C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA).//2.20E-105//217aa//89%/P46735
- 45 C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//4.30E-218//996bp//99%/Y15062
- C-MAMMA1003150//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//5.00E-13//592aa//24%/P47179
- 50 C-MAMMA1003166//Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds.//3.10E-158//592bp//97%/AF123052
- 55 C-NT2RM1000001//D.melanogaster sap47-2 mRNA.//1.50E-10//417bp//62%/X80110

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C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-) (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596

5 C-NT2RM1000055//Rattus norvegicus mRNA for TIP120, complete cds.//0//3106bp//89%//D87671

10 C-NT2RM1000080//UNC-1 PROTEIN.//5.90E-25//211aa//31%//Q21190

C-NT2RM1000086//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//8.40E-52//364aa//32%//P34537

15 C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX TRANSPORTER 2).//1.00E-07//362aa//23%//P39843

20 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072

25 C-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF5 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds.//7.80E-110//516bp//99%//AF044959

30 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.30E-38//469aa//27%//P49902

35 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072

40 C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//1.10E-10//94aa//47%//O42643

C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2476bp//99%//AJ245820

45 C-NT2RM1000244//Homo sapiens TRAF4 associated factor 1 mRNA, partial cds.//2.00E-126//592bp//99%//U81002

50 C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.70E-35//569bp//64%//X73882

C-NT2RM1000256//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//0//3012bp//99%//AB016789

55 C-NT2RM1000257//MAGO NASHI PROTEIN.//7.90E-69//143aa//91%//P49028

C-NT2RM1000260//Homo sapiens thyroid hormone receptor-associated protein complex

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component TRAP100 mRNA, complete cds.//0//2766bp//99%//AF055995

5 C-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V-ATPASE 28 KD ACCESSORY PROTEIN).//1.50E-106//118aa//97%//P39942

10 C-NT2RM1000354//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//7.40E-245//2101bp//68%//AF111423

C-NT2RM1000355//Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds.//7/0//1599bp//99%//AF152462

15 C-NT2RM1000377//Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds.//3.20E-196//1016bp//94%//AF179212

20 C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.000000019//67aa//31%//P53915

C-NT2RM1000421//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775

25 C-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//1.40E-185//1486bp//81%//AF084928

30 C-NT2RM1000499//Caenorhabditis elegans mRNA for centaurin gamma 1A.//3.00E-17//927bp//58%//AJ132700

35 C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein.//3.00E-158//733bp//99%//AJ238097

C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//3.40E-177//814bp//99%//AF103731

40 C-NT2RM1000555//UNR PROTEIN.//0//678aa//98%//P18395

45 C-NT2RM1000563//TRANSMISSION-B LOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//30%//Q08372

C-NT2RM1000623//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775

50 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//8.50E-75//301aa//39%//P43636

55 C-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds.//5.70E-210//960bp//99%//AF038957

C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.20E-09//165aa//34%//P16989

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C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440

5 C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-)
//5.60E-08//187aa//27%//P49695

10 C-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete
cds.//0//3524bp//99%//AF027208

C-NT2RM1000746//Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete
cds.//6.70E-227//1043bp//99%//AF141310

15 C-NT2RM1000770//DXS6673E PROTEIN.//1.40E-39//194aa//48%//Q14202

C-NT2RM1000772//VEGETATABLE INCOMPATIBILITY PROTEIN HET-E-1.//7.30E-
15//280aa//27%//Q00808

20 C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.10E-
98//571bp//89%//Z97207

25 C-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete
cds.//0//3524bp//99%//AF027208

30 C-NT2RM1000826//UNR PROTEIN.//0//678aa//98%//P18395

C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete cds.//0//3541
bp//99%//AF08445 8

35 C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)
//9.70E-42//333aa//36%//P16157

40 C-NT2RM1000852//Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA,
complete cds.//0//2206bp//99%//AF077033

45 C-NT2RM1000874//Homo sapiens death effector domain-containing testicular molecule
mRNA, complete cds.//1.40E-244//1113bp//99%//AF043733

C-NT2RM1000882//Homo sapiens delta-6 fatty acid desaturase mRNA, complete
cds.//4.30E-122//1394bp//69%//AF126799

50 C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete
cds.//0//5107bp//99%//AF082516

55 C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME
III.//1.80E-56//630aa//30%//P34537

C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC

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2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700

5 C-NT2RM1000898//ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR).//8.90E-26//229aa//29%//P02583

10 C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1.00E-15//266aa//26%//P46577

C-NT2RM1001003//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//0//2230bp//99%//AF030233

15 C-NT2RM1001008//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.60E-13//119aa//36%//Q09701

20 C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4.//3.60E-11//180aa//28%//Q99383

25 C-NT2RM1001072//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODEESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).//8.30E-47//259aa//35%//P08487

30 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.60E-115//332aa//52%//Q05481

C-NT2RM1001102//Human HEM45 mRNA, complete cds.//2.30E-27//482bp//63%//U88964

35 C-NT2RM1001115//ENDOCHITINASE 2 PRECURSOR (EC 3.2.1.14).//5.60E-06//239aa//27%//P54197

40 C-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//2.20E-144//362aa//71%//P25167

C-NT2RM2000030//DYNEIN INTERMEDIATE CHAIN, CYTOSOLIC (DH IC) (CYTOPLASMIC DYNEIN INTERMEDIATE CHAIN).//0.00000043//136aa//31%//P54703

45 C-NT2RM2000092//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//1.30E-36//160aa//40%//P50102

50 C-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1574bp//99%//AF067223

55 C-NT2RM2000260//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//3.60E-19//181aa//34%//P14918

C-NT2RM2000322//SPERMIDINE SYNTHASE (EC 2.5.1.16) (PUTRESCINE

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AMINOPROPYLTRANSFERASE) (AMINOPROPYLTRANSFERASE).//8.10E-06//167aa//29%//O48660

5 C-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.80E-14//245aa//29%//P11274

10 C-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//0//1506bp//99%//U48251

15 C-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLEOTIDE//1.70E-68//419aa//36%//P50849

20 C-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT).//1.60E-54//344aa//33 %//P32802

C-NT2RM2000407//Mus musculus semaphorin Vla mRNA, complete cds.//9.70E-201//826bp//84%//AF030430

25 C-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//1.00E-222//237aa//89%//Q08469

30 C-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//1.00E-07//157aa//28%//P36113

35 C-NT2RM2000469//NITROGEN PERMEASE REACTIVATOR PROTEIN (EC 2.7.1.-).//8.90E-06//377aa//24%//P22211

C-NT2RM2000490//SYNAPTOTAGMIN (P65).//1.80E-13//166aa//34%//P41823

40 C-NT2RM2000502//Rattus norvegicus W307 mRNA, complete cds.//1.70E-58//381bp//86%//U78304

45 C-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//1673bp//99%//AF061243

C-NT2RM2000522//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN) .//1.30E-12//282aa//32%//P17437

50 C-NT2RM2000566//Homo sapiens integrin alpha-7 mRNA, complete cds.//0//2519bp//96%//AF032108

55 C-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS).//1.70E-187//741aa//46%//P73505

C-NT2RM2000588//HISTONE DEACETYLASE HDA1.//2.80E-60//384aa//40%//P53973

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- 5 C-NT2RM2000594//Homo sapiens DNA cytosine-5 methyltransferase 3 beta 3 (DNMT3B) mRNA, complete cds.//0//2712bp//99%//AF156487
- C-NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//4.90E-70//838bp//69%//AF179221
- 10 C-NT2RM2000609//Homo sapiens CTL1 gene.//0//1559bp//99%//AJ245620
- C-NT2RM2000612//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//2.60E-106//1069bp//74%//U35776
- 15 C-NT2RM2000624//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//4.40E-32//319aa//35%//Q08170
- 20 C-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2).//3.70E-142//285aa//90%//P32391
- C-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//3.80E-23//184aa//36%//Q15404
- 25 C-NT2RM2000718//Homo sapiens endocrine regulator mRNA, complete cds.//0//1731bp//99%//AF121141
- 30 C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.90E-103//249aa//73%//P28160
- C-NT2RM2000740//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//5.70E-53//266aa//43%//P41877
- 35 C-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETA-COP).//9.50E-279//545aa//98%//P23514
- 40 C-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.70E-200//927bp//99%//AB015046
- 45 C-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1).//8.20E-154//285aa//99%//Q60809
- C-NT2RM2001065//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1554bp//99%//AF100757
- 50 C-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//2.40E-15//266aa//26%//P46577
- 55 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.20E-28//805bp//61%//AF053091

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- 5 C-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.30E-20//267aa//35%//P05143
- C-NT2RM2001201//EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF-5).//1.50E-07//95aa//35%//P48724
- 10 C-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (P-CIP10).//3.60E-10//177aa//32%//P97924
- 15 C-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMIDOHYDROLASE).//1.30E-180//328aa//99%//P13264
- C-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.60E-166//312aa//98%//P53995
- 20 C-NT2RM2001324//ZYGXIN.//6.80E-55//200aa//41%//Q04584
- 25 C-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.90E-08//334aa//22%//Q00808
- C-NT2RM2001424//Homo sapiens mRNA for EIB-55kDa-associated protein.//0//1621bp//99%//AJ007509
- 30 C-NT2RM2001499//LOW-AFFINITY CATIONIC AMINO ACID TRANSPORTER-2 (CAT-2) (CAT2).//7.40E-121//437aa//57%//P52569
- 35 C-NT2RM2001547//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.90E-27//90aa//42%//P38660
- 40 C-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//4.30E-61//312aa//44%//P19474
- 45 C-NT2RM2001592//Rattus norvegicus rexo70 mRNA, complete cds.//3.10E-156//909bp//88%//AF032667
- C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein.//0//3114bp//99%//AJ132440
- 50 C-NT2RM2001613//Homo sapiens sec61 homolog mRNA, complete cds.//0//2601bp//99%//AF084458
- C-NT2RM2001632//KES1 PROTEIN.//1.40E-31//342aa//34%//P35844
- 55 C-NT2RM2001635//NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121 (PORE MEMBRANE PROTEIN OF 121 KD) (P145).//1.20E-142//566aa//56%//P52591

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C-NT2RM2001648//Homo sapiens sec61 homolog mRNA, complete cds.//0//2421 bp//99%//AF084458

5 C-NT2RM2001652//Homo sapiens guanine nucleotide exchange factor mRNA, complete cds.//0//2608bp//99%//AF111162

10 C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN.//3.40E-39//161aa//34%//P20107

15 C-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA complete cds.//0//2471bp//99%//AF044195

C-NT2RM2001668//Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in intron 11, complete cds.//6.20E-16//464bp//62%//AFQ83391

20 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29).//6.50E-104//407aa//43%//Q07230

25 C-NT2RM2001671//Oryctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds.//0//1843bp//94%//U21155

C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//4.60E-20//253aa//30%//Q09674

30 C-NT2RM2001698//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds.//6.20E-253//1170bp//99%//AB028600

35 C-NT2RM2001700//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD) (FRAGMENT).//5.70E-130//536aa//49%//P50544

40 C-NT2RM2001716//Homo sapiens BPTF mRNA for bromodomain PHD finger transcription factor, complete cds.//0//1774bp//98%//AB032251

45 C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//7.20E-16//381aa//27%//Q09931

C-NT2RM2001743//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//0//1498bp//99%//AF011792

50 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//8.80E-11//119aa//36%//Q92609

55 C-NT2RM2001760//Homo sapiens sec61 homolog mRNA, complete cds.//0//2379bp//99%//AF084458

C-NT2RM2001771//ZINC FINGER PROTEIN 135.//6.40E-154//394aa//64%//P52742

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C-NT2RM2001782//Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds.//0//1470bp//99%//AF135422

5 C-NT2RM2001785//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//0//2150bp//99%//AF126799

10 C-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//0//2249bp//99%//AF044195

C-NT2RM2001823//CHD1 PROTEIN.//1.80E-106//631aa//39%//P32657

15 C-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds.//0//2415bp//97%//AF013759

20 C-NT2RM2001886//PAB-DEPENDENT POLY(A)-SPECIFIC RIBONUCLEASE SUBUNIT PAN2 (EC 3.1.13.4) (PAB1P-DEPENDENT POLY(A)-NUCLEASE).//3.00E-54//337aa//39%//P53010

C-NT2RM2001896//CELL DIVISION PROTEIN FTSJ.//5.10E-26//204aa//34%//P28692

25 C-NT2RM2001930//M.musculus mRNA for semaphorin G.//5.20E-135//894bp//83%//X97818

30 C-NT2RM2001935//Homo sapiens single-strand selective monofunctional uracil DNA glycosylase mRNA, complete cds.//0//1454bp//99%//AF125182

C-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.70E-27//216aa//34%//P28320

35 C-NT2RM2001950//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION.//0.0000001//212aa//23%//P38250

40 C-NT2RM2001983//Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds.//0//1658bp//98%//AF089816

45 C-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77).//1.90E-39//253aa//35%//P37838

C-NT2RM2001997//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1) .//1.30E-10//232aa//28%//Q12730

50 C-NT2RM2001998//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME L//3.10E-12//206aa//30%//Q09782

55 C-NT2RM2002004//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//2.90E-08//83aa//44%//P40796

C-NT2RM2002014//HYPOTHETICAL 81.4 KD PROTEIN IN GREB-FEOA INTERGENIC

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REGION.//1.10E-89//425aa//41%//P46837

5 C-NT2RM2002030//Homo sapiens mRNA for Glutamine:fructose-6-phosphate
amidotransferase, complete cds.//0//1959bp//99%//AB016789

10 C-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN
VPS13.//0.00000099//338aa//24%//Q07878

15 C-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X
(HNRNP X) (CBP).//5.00E-62//104aa//57%//Q61990

20 C-NT2RM2002091//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//7.10E-
29//805bp//61 %//AF053091

25 C-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase,
partial.//0//1807bp//99%//AJ010840

30 C-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1)
mRNA, complete cds.//0//1868bp//99%//AF030435

35 C-NT2RM2002128//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-)
.//4.90E-13//487aa//726%//P49695

40 C-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.//8.00E-
31//105aa//47%//P47805

45 C-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete
cds.//8.50E-191//1524bp//81%//AF084928

50 C-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC
2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//7.10E-155//381aa//72%//P25167

55 C-NT2RM4000030//LAS1 PROTEIN.//5.60E-12//184aa//32%//P36146

60 C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN).//0.000008//112aa//31%//Q06003

65 C-NT2RM4000104//ZINC FINGER PROTEIN 135.//1.50E-81//251aa//53%//P52742

70 C-NT2RM4000139//R.norvegicus trg mRNA.//2.30E-114//1161bp//72%//X68101

75 C-NT2RM4000155//THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3)
(THREONINE--TRNA LIGASE) (THRRS).//1.20E-157//321aa//61%//P26639

80 C-NT2RM4000156//H.sapiens HPBRIL-7 gene.//3.60E-21//785bp//60%//X67336

85 C-NT2RM4000167//Homo sapiens mRNA for Chromokinesin (KIF 4 gene)

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//0//1946bp//99%//AJ271784

5 C-NT2RM4000169//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//4.80E-13//686aa//23%//P25386

10 C-NT2RM4000191//PUTATIVE ATP-DEPENDENT RNA HELICASE PL10//9.20E-75//439aa//41%//P16381

C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2)//4.90E-32//170aa//41%//Q16600

15 C-NT2RM4000215//MAK16 PROTEIN//1.30E-68//295aa//49%//P10962

20 C-NT2RM4000229//Gallus gallus actin filament-associated protein (AFAP-110) mRNA, complete cds//1.10E-27//633bp//64%//L20303

C-NT2RM4000233//Mus musculus semaphorin Via mRNA, complete cds//3.40E-231//1395bp//86%//AF030430

25 C-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds//2.20E-276//1124bp//97%//M99438

30 C-NT2RM4000344//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L//0//2030bp//99%//AJ132637

35 C-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN)//1.50E-21//208aa//35%//Q24371

C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17//5.90E-80//213aa//75%//P35292

40 C-NT2RM4000386//Mus musculus ODZ3 (Odz3) mRNA, partial cds//0//2156bp//87%//AF195418

45 C-NT2RM4000421//Homo sapiens mRNA for nuclear transport receptor//0//1730bp//99%//AJ133769

C-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds//4.10E-271//2085bp//77%//AF062476

50 C-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I//8.00E-20//393aa//24%//Q10297

55 C-NT2RM4000471//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds//0//2092bp//99%//AF097025

C-NT2RM4000486//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4

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AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.80E-11//242aa//31%//P04280

C-NT2RM4000496//SAP1 PROTEIN.//8.30E-53//434aa//29%//P39955

5

C-NT2RM4000515//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H) (FRAGMENT).//1.10E-11//394aa//24%//P16884

10

C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29).//2.40E-89//389aa//43%//Q07230

C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//1.00E-59//595aa//28%//Q04652

15

C-NT2RM4000595//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//8.70E-15//403aa//30%//P26337

20

C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.90E-09//108aa//31%//Q00808

25

C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//2.70E-146//420aa//60%//P27550

30

C-NT2RM4000657//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III).//3.00E-68//297aa//40%//P51178

35

C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL13747/1.20E-28//180aa//30%//P74168

C-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds.//1.00E-136//1104bp//77%//AF022789

40

C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000041//207aa//29%//P52154

45

C-NT2RM4000734//Homo sapiens Smad- and Olf-interacting zinc finger protein mRNA, partial cds.//0//2071bp//99%//AF221712

50

C-NT2RM4000741//Homo sapiens hSGT1 mRNA for hSgt1p, complete cds.//0//2184bp//99%//D88208

C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.90E-125//301aa//53%//Q99676

55

C-NT2RM4000798//Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange protein 2 mRNA, complete cds.//0//2603bp//99%//AF084521

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C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC 3.6.1.34) (V-ATPASE AC45 SUBUNIT).//1.10E-24//138aa//44%//P40682

5 C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//6.70E-22//250aa//29%//P02750

10 C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) .//8.00E-211//738aa//50%//Q05481

C-NT2RM4001047//MO25 PROTEIN.//8.00E-140//333aa//80%//Q06138

15 C-NT2RM4001054//Homo sapiens sec61 homolog mRNA, complete cds.//3.10E-190//1315bp//81%//AF077032

20 C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000032//165aa//33%//Q09820

C-NT2RM4001092//ZINC FINGER PROTEIN GLO37//3.10E-24//265aa//33%//P38682

25 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//5.90E-86//292aa//48%//Q09417

30 C-NT2RM4001140//HOMEBOX PROTEIN MSH-D.//1.00E-11//103aa//38%//Q01704

C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//4.10E-197//445aa//78%//Q27969

35 C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//1.10E-48//218aa//43%//Q03532

C-NT2RM4001200//ZINC FINGER PROTEIN 135.//9.50E-135//375aa//60%//P52742

40 C-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//0//2310bp//99%//AF004828

45 C-NT2RM4001217//Mus musculus actin-binding protein (ENC-1) mRNA, complete cds.//3.10E-148//1445bp//72%//U65079

50 C-NT2RM4001256//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//4.30E-55//289bp//77%//AF129131

C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-UKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-3-KINASE) (PI3K).//3.50E-35//124aa//65%//P54676

55 C-NT2RM4001316//ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3) (MCAD).//2.30E-31//334aa//30%//P08503

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C-NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.//1.80E-39//728bp//64%//D89016

5 C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//1.00E-28//171aa//37%//P32626

10 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//8.10E-30//265aa//33%//P53742

15 C-NT2RM4001347//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//0//2300bp//99%//AF155103

C-NT2RM4001371//Homo sapiens IDN3 mRNA, partial cds.//0//2524bp//99%//AB019494

20 C-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//2.20E-237//1079bp//99%//AF098799

25 C-NT2RM4001411//Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds.//0//1962bp//87%//AF020526

C-NT2RM4001412//Homo sapiens nGAP mRNA, complete cds.//0//1918bp//99%//AF047711

30 C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS).//1.40E-118//444aa//46%//P73505

C-NT2RM4001483//ZINC FINGER PROTEIN 136.//5.10E-106//357aa//55%//P52737

35 C-NT2RM4001566//NECDIN.//9.80E-44//227aa//41%//P25233

40 C-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//1.50E-284//1082bp//90%//AF071317

C-NT2RM4001592//HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION.//7.60E-56//213aa//49%//P31380

45 C-NT2RM4001597//M.musculus red-1 gene.//12.10E-171//1414bp//78%//X92750

50 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3)J//2.60E-32//203aa//39%//Q12600

C-NT2RM4001629//MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG 3).//1.50E-93//278aa//38%//Q13368

55 C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//2.70E-84//410aa//42%//P37339

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- C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//8.90E-141//354aa//72%//Q14141
- 5 C-NT2RM4001731//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete
cds.//0//1922bp//100%//AF179221
- 10 C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.)
//4.10E-186//639aa//58%//Q05512
- C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1).//7.90E-66//311aa//35%//Q03164
- 15 C-NT2RM4001810//AGGRECAN CORE PROTEIN PRECURSOR (CARTILAGE-SPECIFIC
PROTEOGLYCAN CORE PROTEIN) (CSPCP) (CHONDROITIN SULFATE PROTEOGLYCAN
CORE PROTEIN 1).//5.10E-07//263aa//30%//P16112
- 20 C-NT2RM4001813//LECTIN BRA-2.//0.00000048//114aa//30%//P17346
- C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase)
mRNA, complete cds.//8.10E-300//1395bp//98%//M37712
- 25 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)7/2.90E-
55//325aa//37%//P28160
- 30 C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.90E-
161//481aa//56%//P51523
- 35 C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT).//6.50E-
22//126aa//46%//P79779
- C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.30E-
244//1248bp//94%//Y17711
- 40 C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)
//6.50E-23//184aa//36%//Q15404
- 45 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.90E-
09//268aa//26%//P47486
- 50 C-NT2RM4001930//Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl
glucosyltransferase (ALG6) mRNA, complete cds.//0//1930bp//99%//AF102851
- C-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete
cds.//0//2087bp//99%//AF098162
- 55 C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.60E-261//1563bp//84%//X99330
- C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.80E-

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112//457aa//47%//P51523

5 C-NT2RM4001987//NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM
PRECURSOR (N-CAM 180) [CONTAINS: N-CAM 140].//3.20E-17//281aa//30%//P16170

10 C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN
PMT6-PCT1 INTERGENIC REGION.//6.90E-94//589aa//35%//P42935

C-NT2RM4002034//Homo sapiens hiwi mRNA, partial cds.//1.90E-
53//1585bp//60%//AF104260

15 C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA
LIGASE) (ASPRS).//1.90E-31//80aa//52%//P36419

20 C-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete
cds.//0//1865bp//99%//U82267

25 C-NT2RM4002066//Homo sapiens thyroid hormone receptor-associated protein complex
component TRAP230 mRNA, complete cds.//1.50E-211//1123bp//71 %//AF117755

C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-
293//1751bp//83%//AF072758

30 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.80E-105//556aa//41
%//Q04652

35 C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA,
complete cds.//0//2550bp//99%//AF176085

40 C-NT2RM4002109//Homo sapiens mRNA for Chromokinesin (KIF 4 gene)
.//0//2572bp//99%//AJ271784

C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%//P24014

45 C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-
70//454bp//85%//AF035940

50 C-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, complete
cds.//0//2671bp//99%//AF084535

C-NT2RM4002174//MRPPROTEIN.//9.10E-68//264aa//51%//P21590

55 C-NT2RM4002189//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-
ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//6.20E-
33//688aa//27%//P08640

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C-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430

5 C-NT2RM4002205//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G).//3.00E-37//122aa//72%//Q07803

10 C-NT2RM4002213//Homo sapiens protein phosphatase methylesterase-1 (PME-1) mRNA, complete cds.//0//2452bp//100%//AF157028

15 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.70E-19//147aa//41%//P40809

20 C-NT2RM4002251//ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-ACETYLGLUCOSAMINYLTRANSFERASE (EC 2.4.1.101) (N-GLYCOSYLOLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLUCOSAMINYLTRANSFERASE I) (GNT- I) (GLCNAC-T I).//2.20E-36//320aa//38%//P27808

C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33%//P48778

25 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.30E-29//275aa//30%//P27095

30 C-NT2RM4002438//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//1.10E-49//611 bp//70%//AF129131

35 C-NT2RM4002460//ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT PROTEINS GP70, GP20].//0.0000016//226aa//24%//P51515

C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.90E-15//366aa//27%//Q00808

40 C-NT2RM4002532//PROTEIN HOM1.//2.00E-16//276aa//28%//P55137

45 C-NT2RM4002558//Homo sapiens fatty acid transport protein (FATP) mRNA, complete cds.//0//1797bp//99%//AF055899

C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962

50 C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//4.60E-78//921bp//69%//X85019

C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.70E-68//236aa//58%//P54815

55 C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA UGASE) (ASPRS).//2.30E-101//488aa//45%//O32038

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- C-NT2RP1000018//Homo sapiens mRNA for NIK, partial cds.//0//1747bp//99%//AB013385
- 5 C-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP)
//0//1652bp//99%//AJ012449
- 10 C-NT2RP1000040//Mus musculus donson protein (Donson) mRNA, partial cds.//5.90E-
150//1025bp//82%//AF193608
- 15 C-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//0//1162bp//99%//X98834
- C-NT2RP1000111//COP1 REGULATORY PROTEIN.//4.00E-116//296aa//51%//P93471
- 20 C-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//4.50E-
50//181aa//60%//P51859
- C-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete
25 cds.//3.40E-270//951bp//98%//AF011792
- C-NT2RP1000202//ANKYRIN.//1.00E-25//302aa//34%//Q02357
- 30 C-NT2RP1000272//Mus musculus mRNA for neural specific sr protein NSSR 2, complete
cds.//1.40E-267//1155bp//87%//AB015895
- 35 C-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding
mitochondrial protein, complete cds.//1.30E-275//1249bp//99%//AF053551
- C-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//8.70E-47//155aa//58%//P32447
- 40 C-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.70E-
15//162aa//30%//P25343
- C-NT2RP1000363//R.norvegicus LL5 mRNA7//7.90E-262//1175bp//83%//X74226
- 45 C-NT2RP1000376//Homo sapiens Ca²⁺-independent phospholipase A2 long isoform
(iPLA2) mRNA, complete cds.//0//2252bp//96%//AF102989
- C-NT2RP1000413//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN).//1.90E-
153//230aa//99%//P55161
- 50 C-NT2RP1000439//Xenopus laevis chromosome condensation protein XCAP-G mRNA,
complete cds.//1.80E-94//1019bp//63%//AF111423
- 55 C-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE
REDUCTASE) (ZETA- CRYSTALLIN).//2.40E-10//227aa//25%//Q08257

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- C-NT2RP1000460//NUCLEAR MOVEMENT PROTEIN NUDC.//3.80E-19//149aa//36%//P17624
- 5 C-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//2.60E-94//254aa//47%//P34580
- 10 C-NT2RP1000478//TUBULIN BETA-5 CHAIN (CLASS-V).//4.50E-240//445aa//97%//P09653
- C-NT2RP1000481//Homo sapiens antigen NY-CO-3 (NY-CO-3) mRNA, partial cds.//7.5e-315//1445bp//99%//AF039688
- 15 C-NT2RP1000493//POSSIBLE DNA-REPAIR PROTEIN XP-E (POSSIBLE XERODERMA PIGMENTOSUM GROUP E PROTEIN) (UV-DAMAGED DNA-BINDING PROTEIN) (UV-DBD).//3.60E-30//534aa//23%//P33194
- 20 C-NT2RP1000513//Human NifU-like protein (hNifU) mRNA, partial cds.//6.50E-171//516bp//99%//U47101
- 25 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//8.20E-83//345aa//47%//Q61068
- 30 C-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.10E-27//193aa//35%//P49020
- 35 C-NT2RP1000574//HOMEODOMAIN PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//3.50E-75//151aa//94%//P97367
- C-NT2RP1000630//NECDIN.//2.40E-44//227aa//41%//P25233
- 40 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANSPORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721
- 45 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//1687bp//99%//AF145020
- C-NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.//0//2057bp//99%//E14379
- 50 C-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds.//0//2186bp//99%//AF101434
- 55 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete cds.//9.70E-196//901bp//99%//AF173378
- C-NT2RP1000782//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27)

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(MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566

5 C-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL
GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP)
.//8.20E-83//334aa//50%//Q07960

10 C-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete
cds.//0//1494bp//99%//AF067223

15 C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete
cds.//1.80E-176//829bp//98%//AF047020

C-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27)
(MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566

20 C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094

C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME
III.//5.20E-20//306aa//33%//Q09531

25 C-NT2RP1000915//AUTOANTIGEN NGP-1.//1.70E-19//343aa//25%//Q13823

30 C-NT2RP1000947//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA,
complete cds.//4.60E-105//504bp//99%//U39317

35 C-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//1.40E-
23//370aa//28%//Q04652

C-NT2RP1000958//AUTOANTIGEN NGP-1.//1.40E-19//343aa//25%//Q13823

40 C-NT2RP1000959//Human acidic ribosomal phosphoprotein P0 mRNA, complete
cds.//2.50E-236//966bp//99%//M17885

C-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//8.90E-299//554aa//99%//P19338

45 C-NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete
cds.//2.20E-78//1529bp//61%//L01790

50 C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-
253//425aa//98%//P51522

55 C-NT2RP1001033//Homo sapiens delta-tubulin mRNA, complete cds.//2.10E-
285//1290bp//100%//AF201333

C-NT2RP1001073//Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA,
complete cds.//8.10E-107//504bp//99%//AF182291

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- 5 C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete
cds.//0//2085bp//99%//U82267
- 10 C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-
116//319aa//46%//Q06218
- 15 C-NT2RP1001113//Homo sapiens CTL2 gene.//0//2790bp//98%//AJ245621
- C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-
108//1278bp//69%//U79139
- 20 C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete
cds.//1.90E-158//729bp//99%//M34192
- 25 C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA,
complete cds.//0//2006bp//100%//AF081513
- C-NT2RP1001253//Homo sapiens oscillin (hLn) mRNA, complete
cds.//0//2020bp//99%//AF029914
- 30 C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-
38//258aa//32%//Q12024
- C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-
38//258aa//32%//Q12024
- 35 C-NT2RP1001310//Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial
cds; nuclear gene for mitochondrial product.//0//1732bp//99%//AF176006
- 40 C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete
cds.//7.50E-121//1394bp//69%//AF126799
- 45 C-NT2RP1001361//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B
homolog mRNA, complete cds.//6.50E-116//541bp//100%//AF070652
- C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC
REGION.//2.70E-22//284aa//25%//P40074
- 50 C-NT2RP1001395//Homo sapiens COP9 complex subunit 7a mRNA, complete
cds.//0//1782bp//99%//AF210052
- 55 C-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//8.90E-
141//396aa//67%//P91917
- C-NT2RP1001449//Mus musculus Gng31g mRNA, complete cds.//7.20E-

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165//800bp//87%//AF069954

5 C-NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative)
./1.20E-137//629bp//100%//AJ005257

10 C-NT2RP1001482//Mouse oncogene (ect2) mRNA, complete cds./2.10E-158//755bp//86%//L11316

C-NT2RP1001494//MALE STERILITY PROTEIN 2./7.20E-40//261aa//27%//Q08891

15 C-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS)./1.60E-166//506aa//60%//P42803

20 C-NT2RP1001546//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN)./1.60E-30//232aa//30%//O35566

C-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA)./5.80E-121//271aa//89%//P47758

25 C-NT2RP1001665//CALMODULIN./0.00000051//83aa//30%//P02594

30 C-NT2RP2000006//DNAJ PROTEIN (40 KD HEAT SHOCK CHAPERONE PROTEIN) (HSP40) ./9.80E-17//79aa//55%//O34136

C-NT2RP2000008//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)./2.40E-177//726aa//47%//P51523

35 C-NT2RP2000032//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1) 7/1.80E-22//184aa//34%//Q01730

40 C-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds./0//1390bp//98%//AF061749

45 C-NT2RP2000054//Homo sapiens putative ring zinc finger protein NY-REN-43 antigen mRNA, complete cds./0//2245bp//99%//AF155109

C-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48) (R-PTP- EPSILON)./9.40E-16//45aa//100%//P49446

50 C-NT2RP2000067//Mus musculus ODZ3 (Odz3) mRNA, partial cds./0//3546bp//99%//AF195418

55 C-NT2RP2000070//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN)./3.40E-51//383aa//32%//P33450

C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene)

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.//7.90E-20//265bp//73%//AJ242730

5 C-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete
cgs.//0//2244bp//99%//AB018356

10 C-NT2RP2000126//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//2.50E-
117//541aa//42%//P41877

C-NT2RP2000133//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete
cgs.//0//1490bp//99%//AF175966

15 C-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT
ASSOCIATED PROTEIN AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD
SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN ASSEMBLY PROTEIN COMPLEX 1 MEDIUM
CHAIN).//4.40E-226//423aa//99%//P35585

20 C-NT2RP2000153//GAR2 PROTEIN.//9.80E-23//311aa//28%//P41891

25 C-NT2RP2000157//MLO2 PROTEIN.//2.60E-11//62aa//40%//Q09329

C-NT2RP2000161//DIS3 PROTEIN HOMOLOG.//4.10E-35//184aa//44%//Q17632

30 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL
SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//O02675

35 C-NT2RP2000195//Homo sapiens androgen induced protein (AIG-1) mRNA, complete
cgs.//7.80E-152//704bp//99%//AF153605

C-NT2RP2000224//INSULIN RECEPTOR SUBSTRATE-1 (IRS-1)
.//0.000043//103aa//28%//P35568

40 C-NT2RP2000248//UDP-N-ACETYLGLUCOSAMINE-PEPTIDE N-
ACETYLGLUCOSAMINYLTRANSFERASE 110 KD SUBUNIT (EC 2.4.1.-) (O-GLCNAC
TRANSFERASE P110 SUBUNIT).//3.40E-21//210aa//33%//P56558

45 C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//9.70E-
41//278aa//36%//P40556

50 C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE
SUBUNIT) (AI 140 KD SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT)
(DNA-BINDING PROTEIN PO-GA).//7.10E-12//213aa//23%//P35251

55 C-NT2RP2000270//Human putative G-protein coupled receptor (SH120) mRNA, complete
cgs.//1.30E-242//1043bp//99%//U78723

C-NT2RP2000288//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME

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I.//1.60E-27//576aa//25%//Q10297

5 C-NT2RP2000297//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.30E-186//256aa//60%//Q99676

10 C-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds.//4.30E-279//1193bp//99%//U82381

C-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760

15 C-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//0//2331bp//99%//U83981

20 C-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds.//0//1886bp//99%//L28010

C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.50E-33//155aa//52%//P49910

25 C-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1757bp//99%//AF102265

30 C-NT2RP2000448//KES1 PROTEIN.//8.70E-54//392aa//38%//P35844

C-NT2RP2000523//APOLIPOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238

35 C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955

40 C-NT2RP2000668//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.30E-27//349aa//32%//Q01577

C-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE)//2.70E-100//488aa//44%//O32038

45 C-NT2RP2000764//NIFS PROTEIN.//6.60E-36//252aa//42%//P12623

50 C-NT2RP2000809//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3347bp//99%//AF095195

C-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A).//5-.60E-08//179aa//29%//Q99104

55 C-NT2RP2000814//GELATION FACTOR (ACTIN BINDING PROTEIN 120) (ABP-120).//1.10E-07//96aa//29%//P13466

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	C-NT2RP2000816//MAGNESIUM-CHELATASE	30	KD	SUBUNIT.	7.90E-08//172aa//28%//P26174
5	C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds.	0//1562bp//99%//U80811			
10	C-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2.	0//694aa//99%//O60841			
15	C-NT2RP2000892//Rattus norvegicus db83 mRNA, complete cds.	2.90E-191//1094bp//85%//AB006135			
	C-NT2RP2000931//MATRIN 3.	2.40E-289//467aa//95%//P43244			
20	C-NT2RP2000943//Homo sapiens sec24D protein mRNA, complete cds.	0//2767bp//99%//AF130464			
25	C-NT2RP2000965//Homo sapiens mRNA for fls353, complete cds.	0//1989bp//96%//AB024704			
30	C-NT2RP2001070//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE).	5.80E-46//222aa//45%//Q20939			
	C-NT2RP2001081//SYNAPTOTAGMIN IV.	4.20E-118//430aa//54%//P50232			
	C-NT2RP2001127//Homo sapiens mRNA for PLU-1 protein.	0//2514bp//99%//AJ132440			
35	C-NT2RP2001168//VERPROLIN.	1.50E-09//143aa//33%//P37370			
40	C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLCGF46.1 (FRAGMENT).	6.00E-10//88aa//38%//P18722			
	C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).	2.00E-128//409aa//45%//Q05481			
45	C-NT2RP2001245//MYOSIN HEAVY CHAIN, NONMUSCLE (CELLULAR MYOSIN HEAVY CHAIN) (NMMHC).	2.20E-10//366aa//28%//P14105			
50	C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG) (BRAIN PROTEIN 147) (FRAGMENT).	4.40E-91//179aa//99%//P28663			
55	C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN.	8.30E-39//161aa//34%//P20107			
	C-NT2RP2001327//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).	5.50E-116//311aa//71%//Q13829			

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5 C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//2.00E-11//403aa//25%//Q02817

C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//8.40E-192//581aa//54%//P93647

10 C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein.//0//2068bp//99%//Y18004

C-NT2RP2001397//Homo sapiens mRNA for cyclin B2, complete cds.//1.9e-316//1428bp//100%//AB020981

15 C-NT2RP2001420//Mus musculus nuclear protein NIP45 mRNA, complete cds.//9.00E-112//742bp//82%//U76759

20 C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete cds.//0//3712bp//99%//AB024334

C-NT2RP2001460//TRICHOHYAUN.//1.00E-14//521aa//24%//P37709

25 C-NT2RP2001511//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//3.20E-297//2206bp//75%//AF093097

30 C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//0//2502bp//99%//Y14494

C-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2326bp//99%//AF035586

35 C-NT2RP2001560//NAV2 PROTEIN.//0.00000015//219aa//27%//Q60992

40 C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME I.//8.20E-29//294aa//31%//Q09837

C-NT2RP2001597//RYANODINE RECEPTOR, CARDIAC MUSCLE.//0.000000036//127aa//36%//P30957

45 C-NT2RP2001601//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1748bp//99%//AF196304

50 C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT).//6.10E-12//184aa//31%//P24391

55 C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//0//2445bp//99%//U97067

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- 5 C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//0//1287bp//99%//AF058718
- C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE), (2-PHOSPHO-D- GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.10E-47//126aa//53%//P42897
- 10 C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068
- 15 C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DIPHOSPHATE SYNTHETASE) (DIMETHYLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANSFERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//797%//P14324
- 20 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523
- 25 C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009
- C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//O14754
- 30 C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008
- 35 C-NT2RP2001883//Homo sapiens CGI-01- protein mRNA, complete cds.//0//2306bp//99%//AF132936
- 40 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161
- C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.30E-38//395aa//30%//P53946
- 45 C-NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.//4.70E-177//1538bp//74%//AF062378
- 50 C-NT2RP2001985//Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds.//2.00E-38//435bp//67%//AF090989
- C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.50E-129//279aa//85%//Q08469
- 55 C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//1.70E-47//247aa//52%//P35331

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- C-NT2RP2002046//Homo sapiens mRNA for transcription factor.//0//1664bp//99%//AJ130894
- 5 C-NT2RP2002058//Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete
cgs.//0//2510bp//99%//AF083217
- 10 C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete
cgs.//1.60E-226//1301bp//88%//U87306
- C-NT2RP2002078//PECANEX PROTEIN.//1.80E-09//195aa//32%//P18490
- 15 C-NT2RP2002079//HISTONE HI, GONADAL.//4.40E-11//214aa//34%//P02256
- C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//33
89bp//99%//AJ007509
- 20 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone
receptor.//0//1644bp//98%//X65634
- 25 C-NT2RP2002124//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15)
(UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4)
(DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//4.30E-
44//155aa//37%//Q13107
- 30 C-NT2RP2002185//Homo sapiens ubiquilin mRNA, complete
cgs.//0//1789bp//99%//AF176069
- 35 C-NT2RP2002193//Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3,
complete cgs.//0//2809bp//99%//AB021868
- 40 C-NT2RP2002252//Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete
cgs.//0//3118bp//91%//L38621
- C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete
cgs.//0//1528bp//98%//AF005418
- 45 C-NT2RP2002270//AF-9 PROTEIN.//1.20E-07//74aa//36%//P42568
- C-NT2RP2002312//Homo sapiens mRNA for CDS2 protein.//0//2333bp//99%//Y16521
- 50 C-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cgs.//8.40E-
254//1158bp//99%//AB015594
- 55 C-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA,
complete cgs.//4.30E-240//1105bp//99%//AF038958
- C-NT2RP2002408//Homo sapiens mRNA for TOLLIP protein.//3.20E-

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210//1136bp//93%//AJ242972

- 5 C-NT2RP2002442//HESA PROTEIN.//2.80E-14//163aa//30%//P46037
- C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//6.50E-07//171aa//27%//P30620
- 10 C-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//0//2180bp//99%//AB005289
- 15 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.60E-144//537aa//49%//Q02386
- 20 C-NT2RP2002520//Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds.//3.70E-34//668bp//61%//AF105427
- C-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//6.20E-19//288aa//26%//Q11073
- 25 C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//P51523
- 30 C-NT2RP2002595//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//7.50E-35//181aa//42%//P12815
- C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181
- 35 C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%//P19076
- 40 C-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 2 (EC 2.1.1.).//1.70E-51//326aa//38%//P55345
- 45 C-NT2RP2002701//HYPOTHETICAL 38.1 KD PROTEIN C2F12.15C IN CHROMOSOME II.//1.90E-14//210aa//30%//O14345
- C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.90E-85//489aa//43%//P55194
- 50 C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107
- 55 C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016
- C-NT2RP2002862//60S ACIDIC RIBOSOMAL PROTEIN P0 (LIGHT-INDUCED 34 KD

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PROTEIN).//8.80E-10//203aa//27%//P29764

5 C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR
PROTEIN.//0.000039//206aa//23%//P14922

10 C-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete
cds.//1.90E-136//623bp//100%//AF038392

C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN
D2013.2 IN CHROMOSOME II.//4.10E-87//395aa//40%//Q18964

15 C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.40E-70//282aa//42%//P52737

20 C-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19)
(UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//4.60E-
80//147aa//100%//P51669

C-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//1.00E-08//98aa//36%//P10129

25 C-NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete
cds.//0//2209bp//99%//AB026190

30 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC
2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%//P70700

35 C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1,
ENDOTHELIAL (B12 PROTEIN).//L90E-11//132aa//38%//Q13829

C-NT2RP2003121//Mus musculus enhancer of polycbmb (Epc1) mRNA, complete
cds.//2.30E-82//642bp//68%//AF079765

40 C-NT2RP2003125//RING CANAL PROTEIN (KELCH PROTEIN).//2.40E-
38//539aa//25%//Q04652

45 C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%//P13117

C-NT2RP2003157//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING
FACTOR SRP75).//1.30E-13//185aa//38%//Q08170

50 C-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete
cds.//0//2091bp//99%//D67025

55 C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545

C-NT2RP2003177//Homo sapiens recombination and sister chromatid cohesion protein
homolog (hrec8) mRNA, partial cds.//0//1641bp//99%//AF006264

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- C-NT2RP2003228//H.sapiens PI-Cdc21 mRNA.//0//2870bp//98%//X74794
- 5 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//1551bp//77%//AF023657
- 10 C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//99%//AJ242978
- 15 C-NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.//0//1580bp//99%//AF151811
- C-NT2RP2003272//Homo sapiens ubiquitin mRNA, complete cds.//0//1789bp//99%//AF176069
- 20 C-NT2RP2003277//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//1.90E-16//145aa//43%//P30771
- 25 C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'- PHOSPHATE CYCLASE) (RNA CYCLASE).//4.20E-88//374aa//47%//Q23400
- 30 C-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//0//1526bp//99%//AB006572
- C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.20E-199//550aa//70%//Q07866
- 35 C-NT2RP2003308//CROOKED NECK PROTEIN.//5.40E-244//622aa//67%//P17886
- C-NT2RP2003329//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//3.60E-14//332aa//32%//P26337
- 40 C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN HOMOLOG.//0.000022//261aa//24%//P48754
- 45 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport receptor.//0//1509bp//99%//AJ133769
- 50 C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-13//302aa//26%//P25386
- 55 C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//9.60E-78//346aa//43%//Q61068
- C-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//5.00E-131//269aa//91%//P38378

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- C-NT2RP2003466//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//0//2194bp//99%//AF126799
- 5 C-NT2RP2003480//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//3012bp//99%//AF125158
- 10 C-NT2RP2003506//NADPH-CYTQCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.40E-14//106aa//46%//P04175
- 15 C-NT2RP2003513//Homo sapiens mRNA for paralemmin.//0//2137bp//97%//Y14770
- C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//0//1746bp//95%//M12783
- 20 C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1764bp//99%//AF125158
- 25 C-NT2RP2003543//HYPOTHETICAL TRNA/RRNA METHYLTRANSFERASE SLR1673 (EC 2.1.1.-).//1.70E-17//148aa//34%//P74261
- C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//2.10E-59//270aa//46%//P19474
- 30 C-NT2RP2003596//Mus musculus Fas-apoptosis inhibitory molecule (Faim) mRNA, complete cds.//4.80E-82//530bp//85%//AF130367
- 35 C-NT2RP2003604//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//0//2442bp//99%//AF030233
- 40 C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//9.40E-243//1624bp//82%//AJ006215
- 45 C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII (HSD17B7) mRNA, complete cds.//2.1e-313//978bp//99%//AF098786
- C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//1.80E-72//350bp//100%//AJ132637
- 50 C-NT2RP2003713//Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA, complete cds.//0//2018bp//99%//AF073344
- 55 C-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//5.40E-29//85aa//72%//Q05481
- C-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19)

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(UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//1.70E-75//147aa//93%//P51669

5 C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//0//869aa//80%//P53620

10 C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-63//253aa//50%//Q09201

15 C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.70E-21//137aa//43%//Q11076

C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//0.00000016//117aa//29%//Q91955

20 C-NT2RP2003871//Homo sapiens transposon-derived Buster1 transposase-like protein gene, complete cds.//0//2807bp//99%//AF205601

25 C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 1).//6.10E-183//387aa//87%//P51954

30 C-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//1.50E-23//200aa//30%//O09175

35 C-NT2RP2003981//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS8.//1.40E-16//664aa//20%//P39702

C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//2.30E-53//141aa//78%//P20290

40 C-NT2RP2004041//SYNAPSINS IA AND B.//0.00000074//159aa//32%//P17599

45 C-NT2RP2004066//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds.//2.70E-288//1994bp//81%//AF156529

C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.40E-30//319aa//31%//Q01513

50 C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein.//1.10E-138//1236bp//74%//Y12781

55 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49).//5.60E-31//424aa//28%//Q07231

C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//3.80E-

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52//397bp//82%//AF003998

5 C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete
cds.//0//2272bp//99%//AB015982

10 C-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete
cds.//0//3044bp//99%//AB015718

C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT
PROTEIN) (NF-H).//9.90E-12//427aa//26%//P19246

15 C-NT2RP2004245//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete
cds.//6.40E-117//1122bp//72%//AF200357

20 C-NT2RP2004270//PROTEIN PTM1 PRECURSOR.//1.40E-16//334aa//24%//P32857

C-NT2RP2004366//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS 13.//1.30E-
51//505aa//29%//Q07878

25 C-NT2RP2004389//PROBABLE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S9
PRECURSOR.//9.30E-15//126aa//39%//P38120

30 C-NT2RP2004392//MNN4 PROTEIN7//1.40E-11//143aa//27%//P36044

C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete
cds.//5.40E-243//1108bp//99%//AB028069

35 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete
cds.//0//2321bp//86%//AF155739

40 C-NT2RP2004476//Homo sapiens cyclin L ania-6a mRNA, complete
cds.//0//2075bp//99%//AF180920

45 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete
cds.//0//1387bp//86%//AF090190

C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//3.00E-
117//625aa//40%//Q09903

50 C-NT2RP2004587//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT
PROTEIN) (NF-M).//7.30E-07//352aa//23%//P07197

55 C-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//8.50E-
233//1061bp//99%//AJ006291

C-NT2RP2004681//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT

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PROTEIN) (NF-H).//2.60E-07//426aa//23%/P19246

5 C-NT2RP2004689//HYPOTHETICAL 192.5 KD PROTEIN C6G9.10C IN CHROMOSOME
I.//5.60E-64//616aa//33%/Q92355

10 C-NT2RP2004710//Mus musculus formin binding protein 30 mRNA, complete cds.//1.50E-
280//1464bp//85%/U40750

C-NT2RP2004732//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT
PROTEIN) (NF-M).//7.30E-07//352aa//23%/P07197

15 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH
KINASE 1).//1.30E-26//190aa//41%/P38692

20 C-NT2RP2004791//PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4)
(LEUCINE-- TRNA LIGASE) (LEURS).//9.50E-73//153aa//59%/Q10490

25 C-NT2RP2004799//PROBABLE SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN
PRECURSOR (EC 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA)
.//3.70E-135//414aa//62%/P53588

C-NT2RP2004816//H58 PROTEIN.//9.00E-173//327aa//98%/P40336

30 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR
PROTEIN) (HETEROCHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-
BP38 PROTEIN).//4.20E-09//804aa//22%/Q61687

35 C-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete
cds.//0//2103bp//99%/AB007144

40 C-NT2RP2004959//P54 PROTEIN PRECURSOR.//0.00000095//297aa//20%/P13692

C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA,
complete cds.//1.00E-228//1666bp//75%/U56732

45 C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.30E-47//353aa//30%/Q12386

C-NT2RP2005003//52 KD RO PROTEIN (SJOEGREN SYNDROME TYPE A ANTIGEN (SS-A))
(RO(SS-A)).//1.80E-99//376aa//43%/P19474

50 C-NT2RP2005012//Homo sapiens mRNA for SEC63 protein.//0//1693bp//99%/AJ011779

55 C-NT2RP2005037//ANTI-SILENCING PROTEIN 1.//3.30E-47//155aa//59%/P32447

C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL
ADDITION ENZYME) (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL

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TRANSFERASE).//4.00E-91//218aa//44%//Q92089

5 C-NT2RP2005116//PUTATIVE EUKARYOTIC TRANSLATION INITIATION FACTOR 3 ALPHA
SUBUNIT (EIF-3 ALPHA).//2.00E-173//273aa//57%//P34466

10 C-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)
.//0//2388bp//98%//X98743

C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT
RNAASE) (RNASE L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%//Q05921

15 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//0.00E-
01//1437bp//98%//AF045583

20 C-NT2RP2005162//Homo sapiens aspartyl aminopeptidase mRNA, complete
cds.//0//1615bp//99%//AF005050

25 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated
protein.//0//2769bp//98%//AJ007509

C-NT2RP2005204//Homo sapiens SUMO-1-activating enzyme E1N subunit (SUA1) mRNA,
complete cds.//0//1262bp//99%//AF090385

30 C-NT2RP2005239//Homo sapiens cysteine desulfurase (nifS) mRNA, complete
cds.//0//2087bp//99%//AF097025

35 C-NT2RP2005276//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete
cds.//0//2122bp//99%//D89053

40 C-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete
cds.//0//2992bp//99%//AF060219

C-NT2RP2005315//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial
cds.//1.90E-170//780bp//100%//AF036144

45 C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA,
complete cds.//0//1643bp//99%//AF124735

50 C-NT2RP2005336//TRICHOHYALIN.//5.40E-10//545aa//22%//P37709

C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38).//2.10E-
124//636aa//38%//P32660

55 C-NT2RP2005358//Homo sapiens methyl-CpG binding domain-containing protein MBD3
(MBD3) mRNA, complete cds.//0//2199bp//99%//AF072247

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C-NT2RP2005360//Homo sapiens sentrin/SUMO-specific protease (SENP1) mRNA, complete cds.//1.30E-52//753bp//67%//AF149770

5 C-NT2RP2005393//AUTOANTIGEN NGP-1.//7.20E-39//224aa//35%//Q13823

C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN.//5.30E-63//410aa//40%//P22059

10 C-NT2RP2005436//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//1.20E-13//185aa//38%//Q08170

15 C-NT2RP2005441//Homo sapiens hypothalamus protein HT002 mRNA, complete cds.//4.10E-202//962bp//98%//AF113540

20 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete cds.//1.20E-13 0//608bp//99%//AF070652

C-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//3.00E-44//252aa//41%//P38127

25 C-NT2RP2005476//Human p190-B (p190-B) mRNA, complete cds.//3.40E-108//668bp//88%//U17032

30 C-NT2RP2005490//Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds.//1.80E-175//1102bp//83%//AF053628

C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B).//0.00000015//279aa//26%//P35418

35 C-NT2RP2005496//ZINC FINGER PROTEIN 135.//2.90E-146//398aa//59%//P52742

40 C-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PROTEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//5.20E-81//166aa//88%//P36876

45 C-NT2RP2005509//Homo sapiens CGI-45 protein mRNA, complete cds.//0//1825bp//99%//AF151803

C-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//3994bp//99%//AF092563

50 C-NT2RP2005525//Mus musculus kanadaplin mRNA, complete cds.//2.40E-304//1687bp//85%//AF035526

55 C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1).//5.50E-70//393aa//39%//P11171

C-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1560bp//98%//AJ012449